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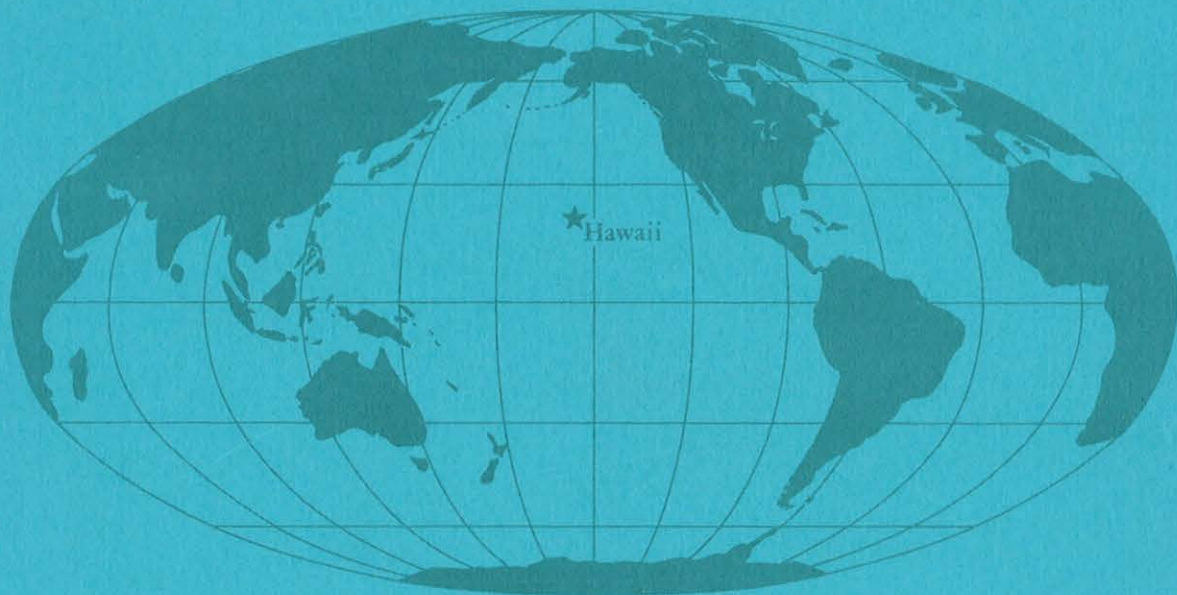
ECOSYSTEM ANALYSIS STUDIES

U.S. INTERNATIONAL BIOLOGICAL PROGRAM

Technical Report No. 59

CLIMATE DATA FOR

THE IBP SITES ON MAUNA LOA, HAWAII



Technical Report No. 59
CLIMATE DATA FOR
THE IBP SITES ON MAUNA LOA, HAWAII

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ISLAND ECOSYSTEMS IRP
U. S. International Biological Program

April 1975

ABSTRACT

This report contains the third set of Tables and Figures for the climatic data collected at the US/IBP Island Ecosystems IRP field sites on Mauna Loa, Hawaii. These data were collected during 1974 using the same procedures as employed for the data collection reported in Technical Report No. 22, Supplement 1 and Technical Report No. 38. The data-analysis techniques have also remained the same.

No attempt has been made in this report to interpret the Tables and Figures that are presented.

TABLE OF CONTENTS

	Page
ABSTRACT	i
INTRODUCTION	1
Figure - Climate diagrams, 1974	2-5
K54	2
M42	3
M54	4
M66	5
Figure - Monthly temperature means and ranges, 1974	6-9
K54	6
M42	7
M54	8
M66	9
Figure - Monthly humidity means and ranges, 1974	10-13
K54	10
M42	11
M54	12
M66	13
Figure - Monthly saturation deficit means and ranges, 1974	14-17
K54	14
M42	15
M54	16
M66	17
Table - Daily temperature and humidity means and ranges, 1974	18-65
K54	18-29
M42	30-41
M54	42-53
M66	54-65
Figure - Cumulative rain, 1974 (by week)	66-69
K54	66
M42	67
M54	68
M66	69

	Page
Figure - Weekly rain, 1974	70-73
K54	70
M42	71
M54	72
M66	73
Table - Weekly rain record, 1974	74-81
K54	74-75
M42	76-77
M54	78-79
M66	80-81
Figure - Rainfall events	82-84
Number of rainfall events per month, 1974 (by month)	82
Time of rain events, 1974 (by hour started)	83
Storm intensities, 1974 (by intensity)	84
Table - Intensity Class Ranges	85
Table - Rainfall events and characteristics, 1974	86-89
K54	86-87
M54	88-89
Table - Missing Rain Events Data, 1974	90

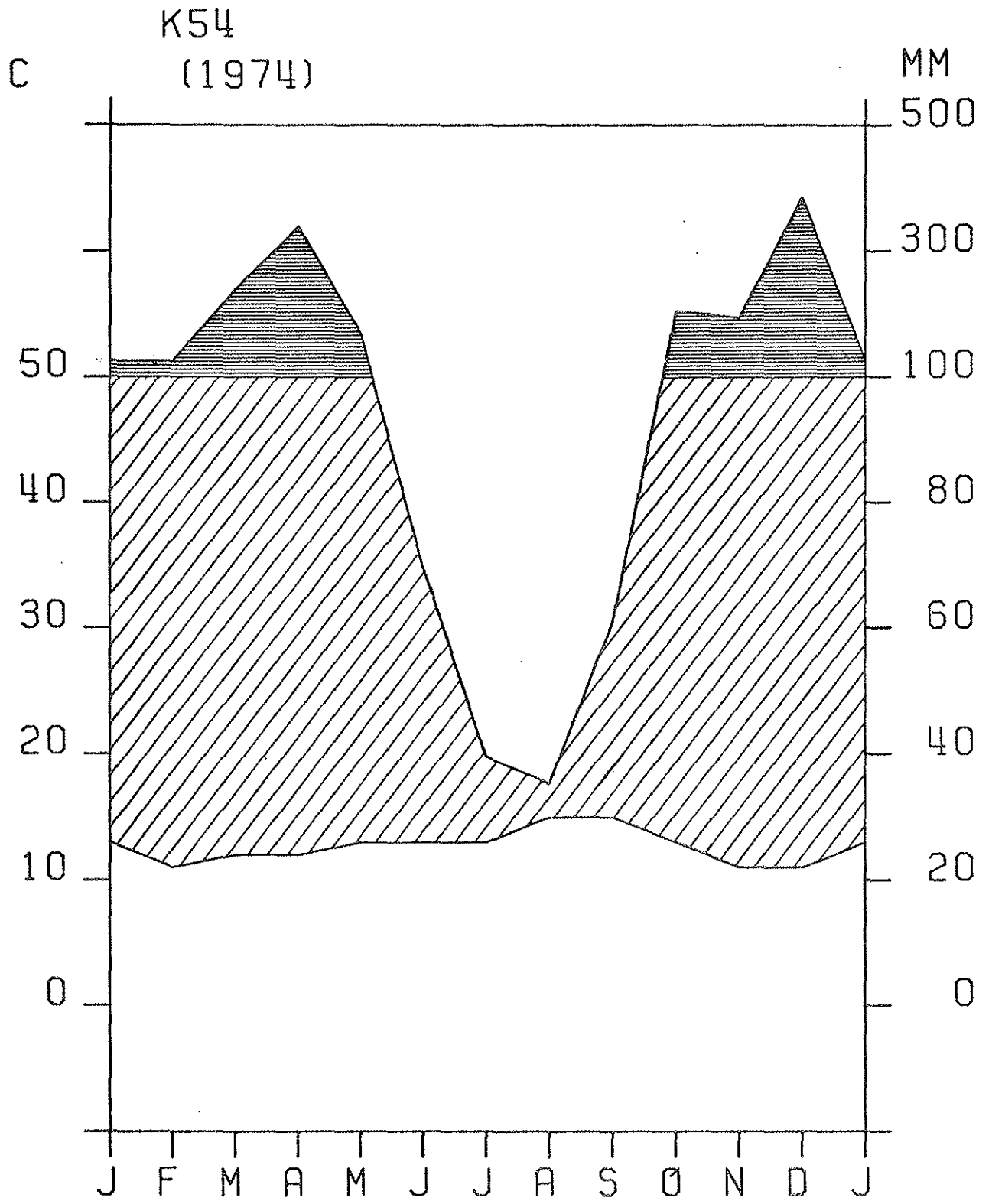
INTRODUCTION

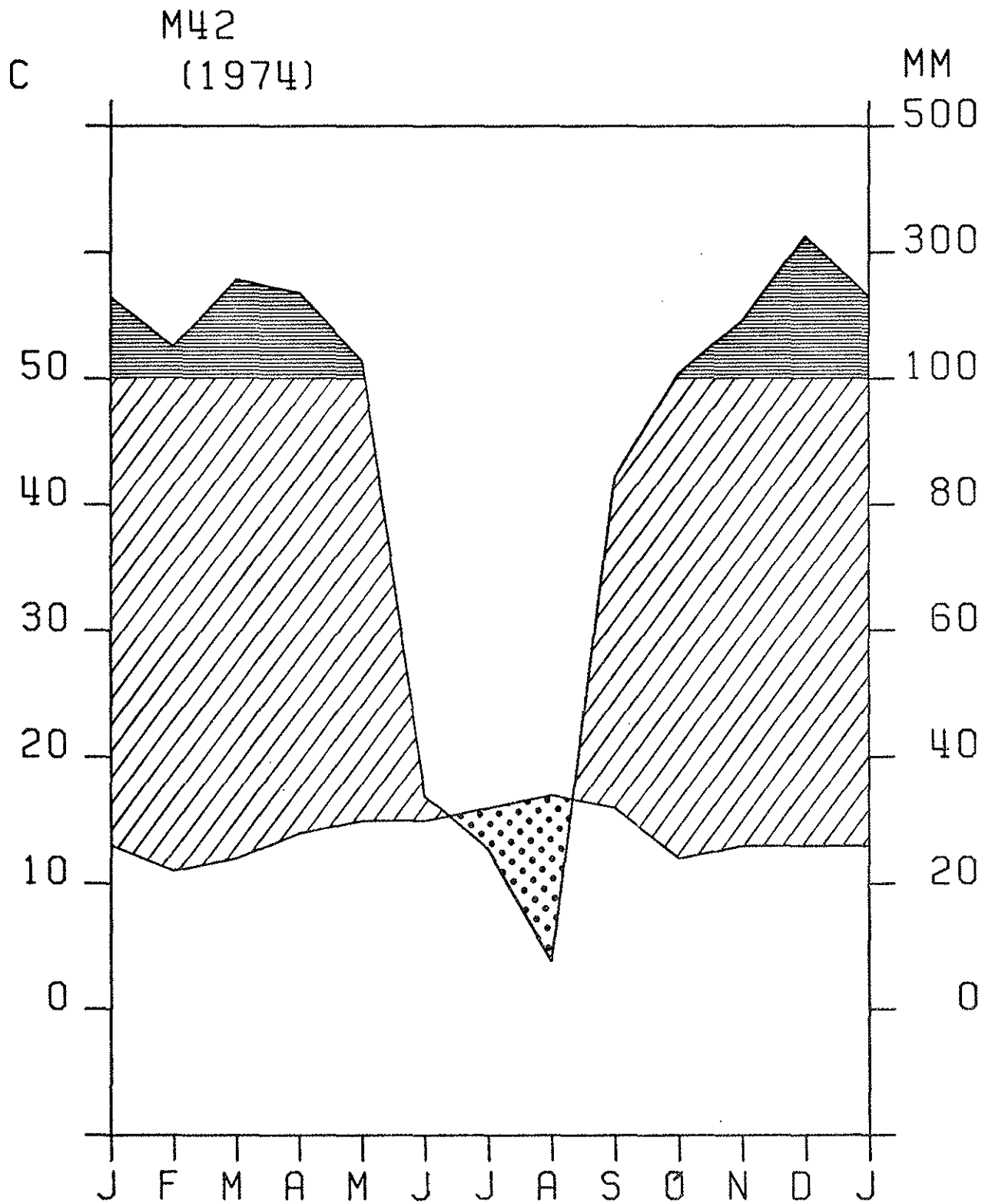
This Technical Report presents additions to the climate data records obtained on the IBP research sites. These data are based on collections for the calendar year 1974. As with the previous reports, a discussion of the limitations of data collection and data reduction procedures is not included here. Therefore, some care should be exercised in using these data. Please contact the IBP office if you have questions regarding these problems.

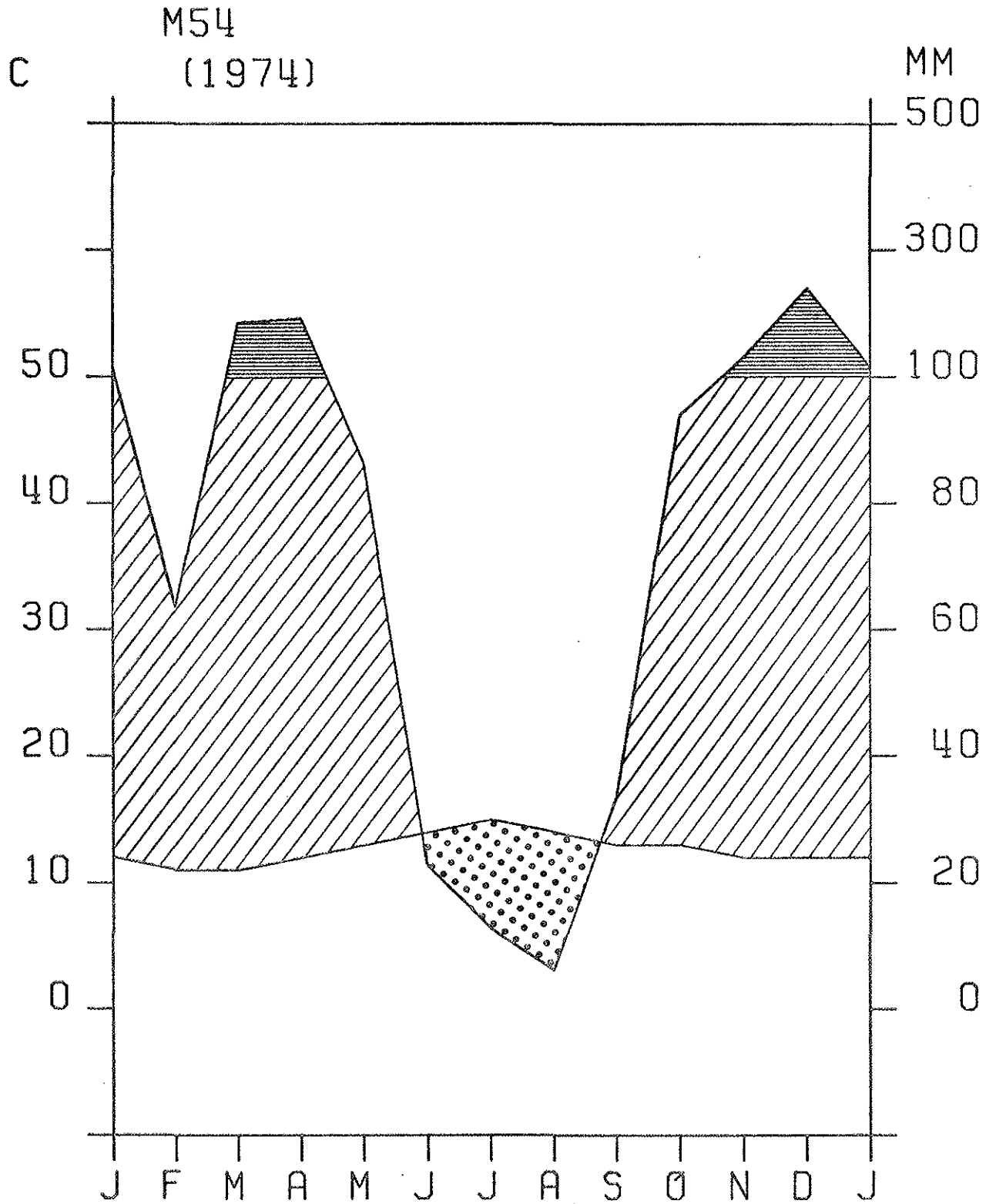
The data collection sites listed in this report are shown in Technical Report No. 22, Supplement 1. All of the procedures used for data collection and reduction have remained the same. Therefore, the tables from Technical Report No. 22, Supplement 1, and Technical Report No. 38 can be compared with these tables.

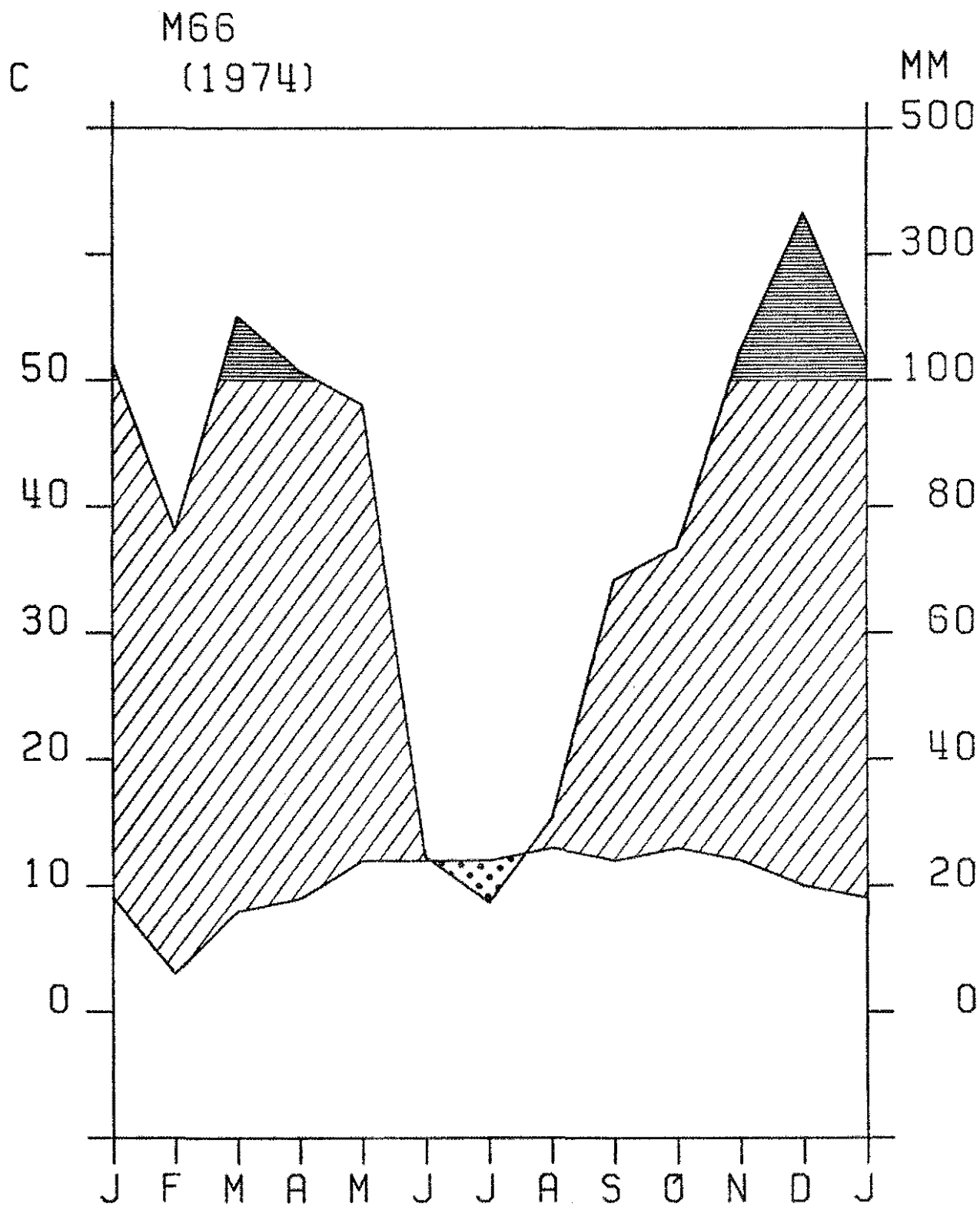
Tables of saturation deficit values which are similar in format to the Daily Temperature and Humidity Means and Ranges tables have been prepared again this year. Because of the number of pages involved, these tables are being placed in an Appendix. This Appendix, however, will not be included in copies of this report prepared for general distribution. File copies are available for reference from the IBP office and computer listings will be supplied to interested investigators on request.

These data and figures are the result of many people's efforts. We wish to thank Jim Jacobi and H. Eddie Smith for collecting most of the field data; Sarah Wirawan for preparing much of the machine-readable records; and Bobbie Myers for providing technical assistance.

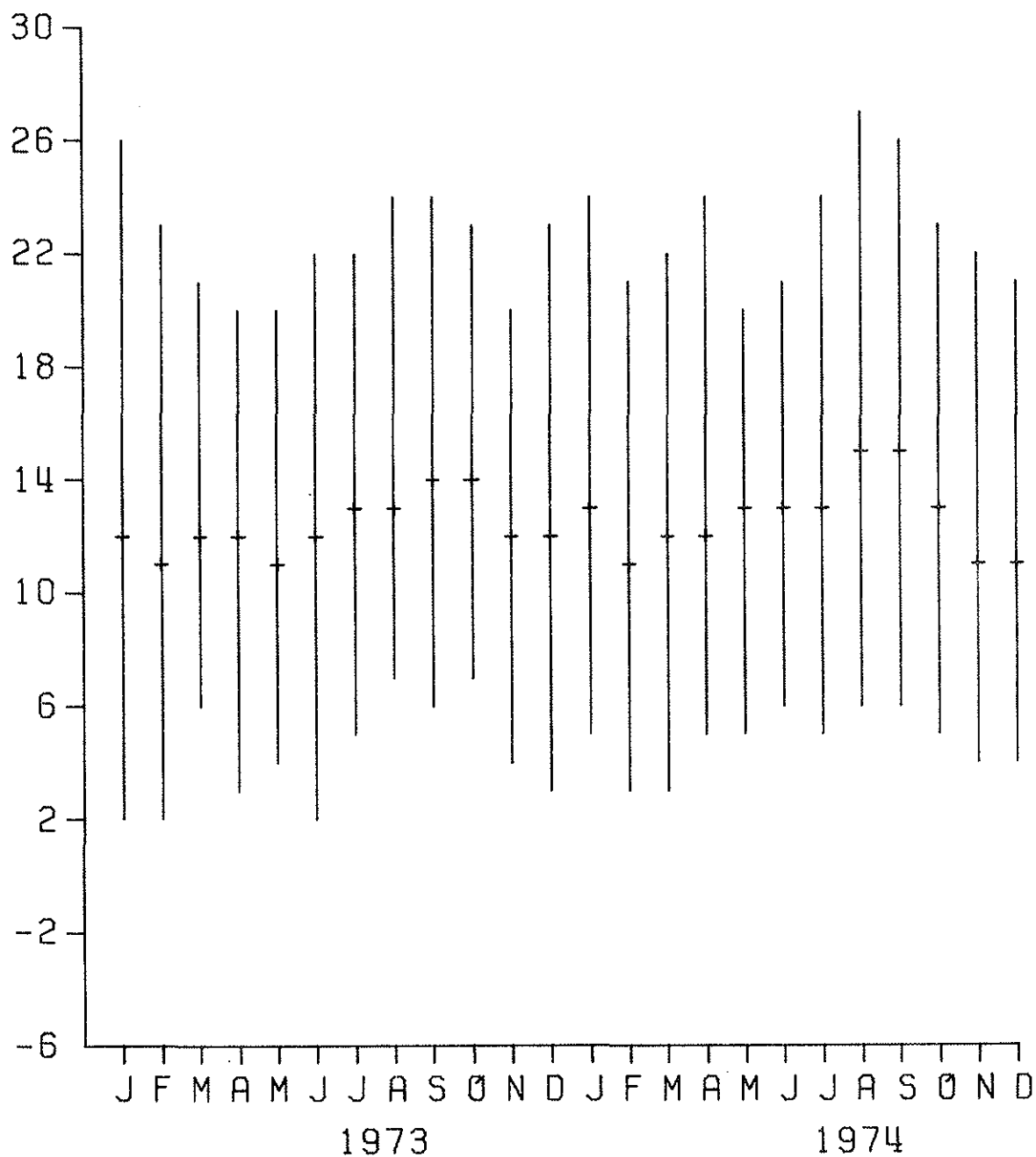






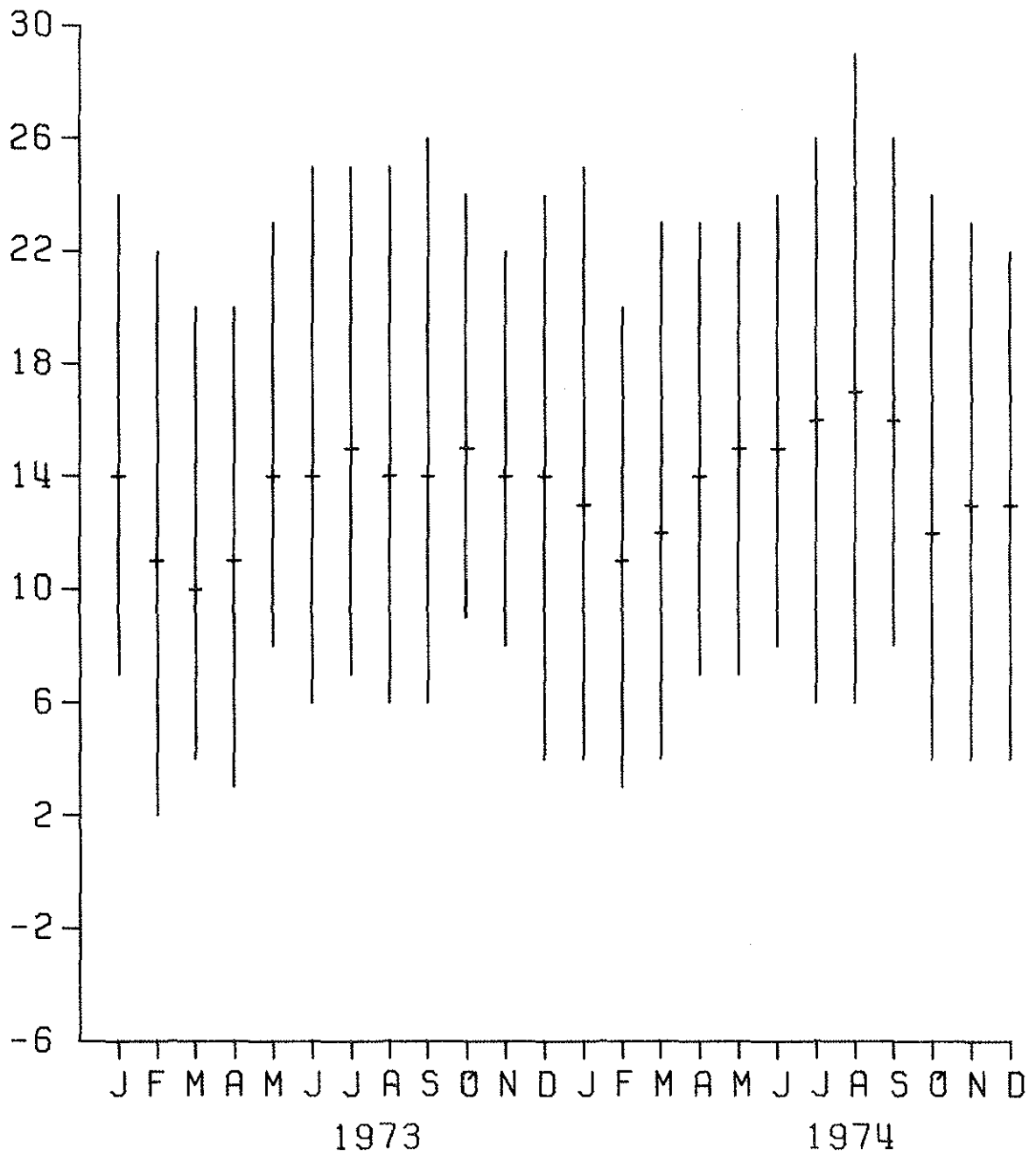


AIR TEMP (C)



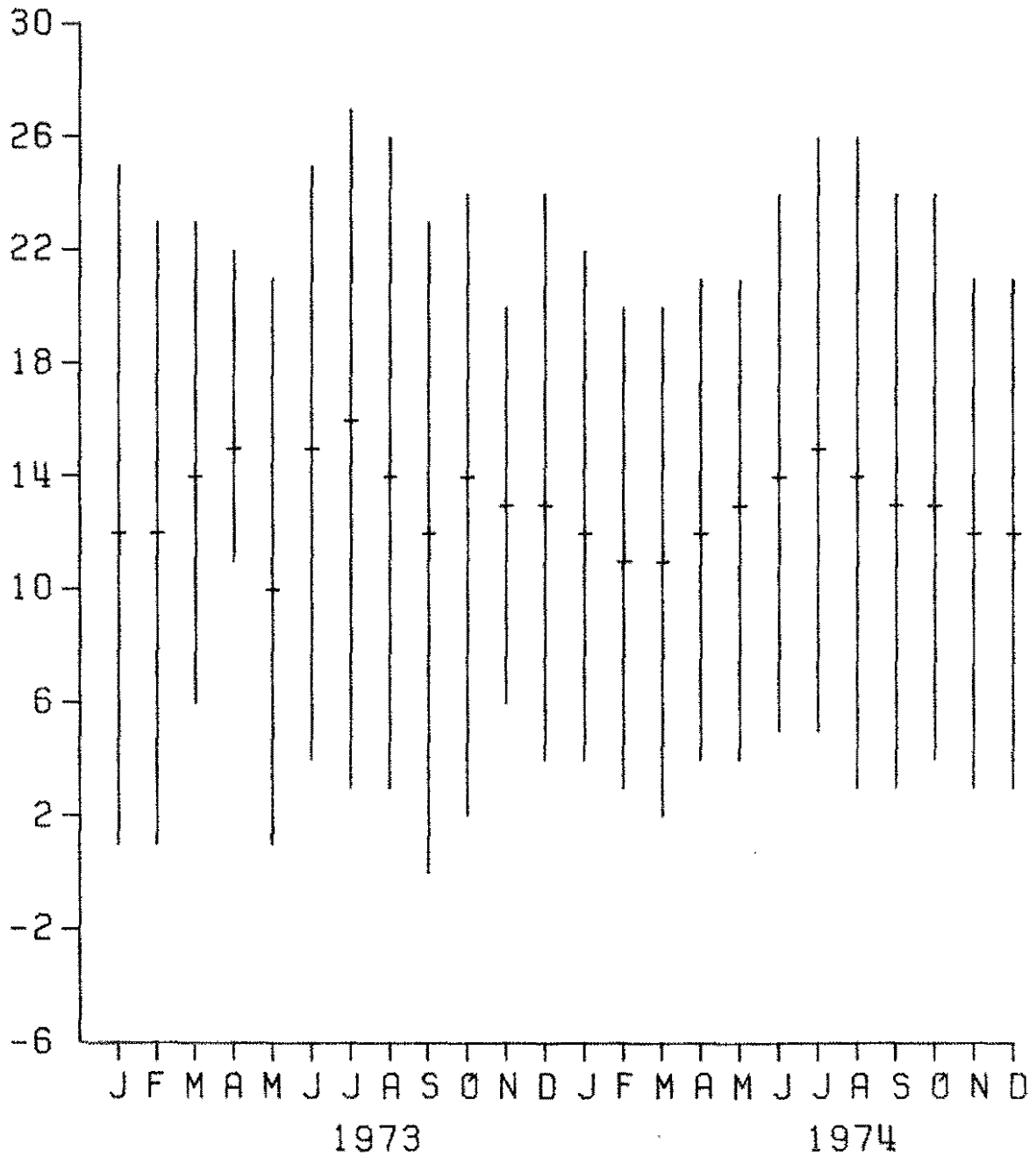
TEMPERATURE, K54

AIR TEMP (C)



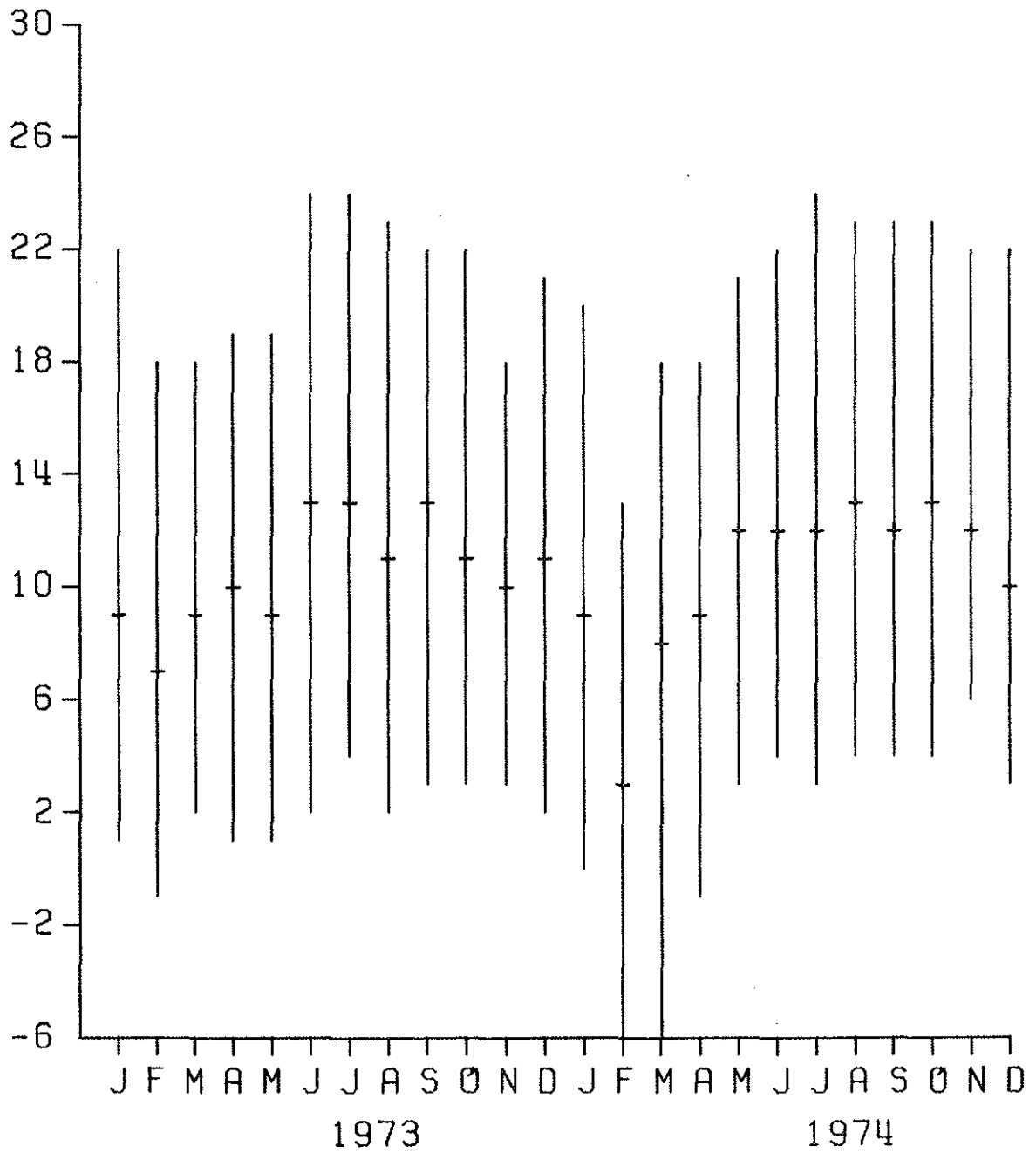
TEMPERATURE, M42

AIR TEMP (C)



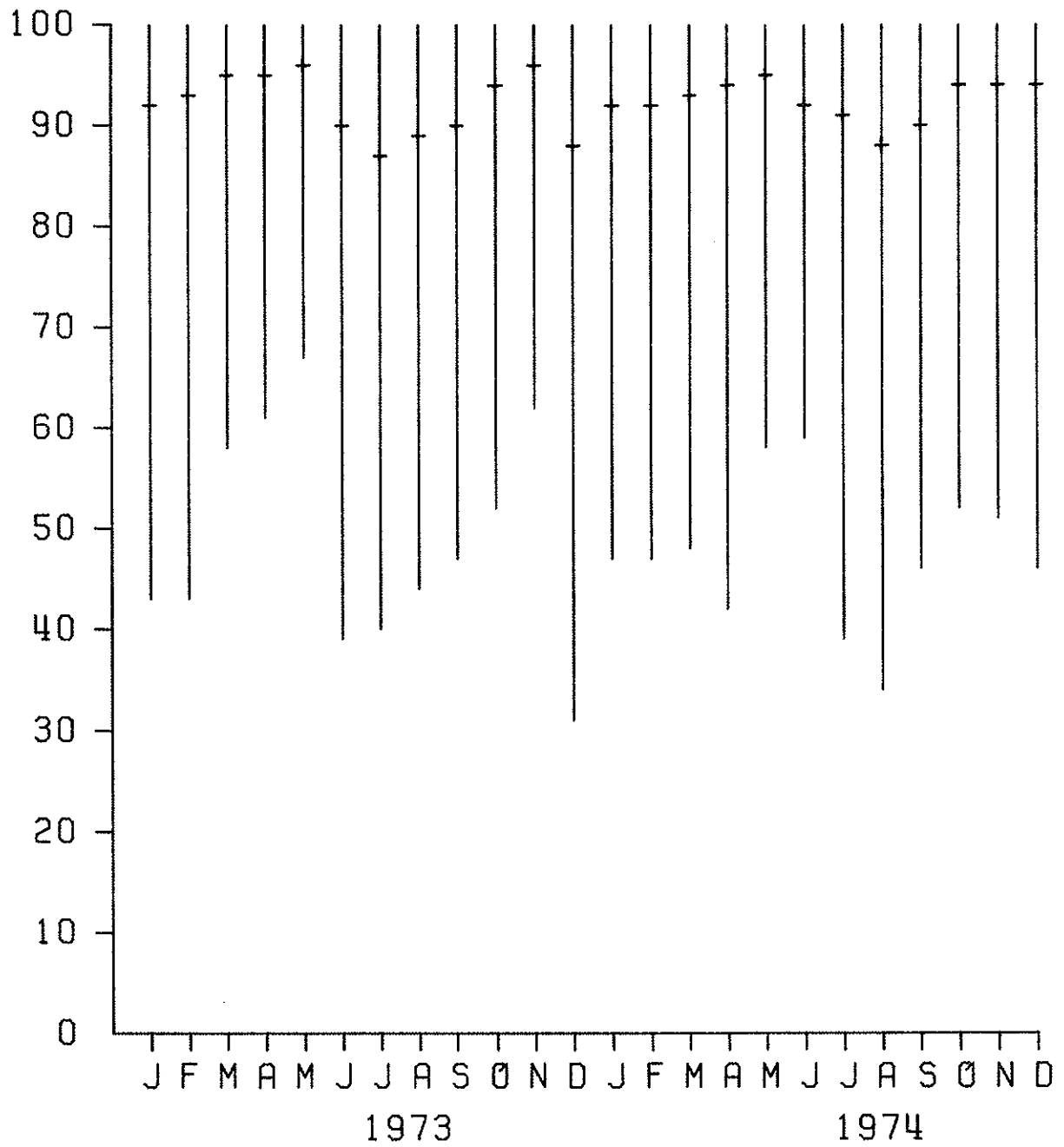
TEMPERATURE, M54

AIR TEMP (C)



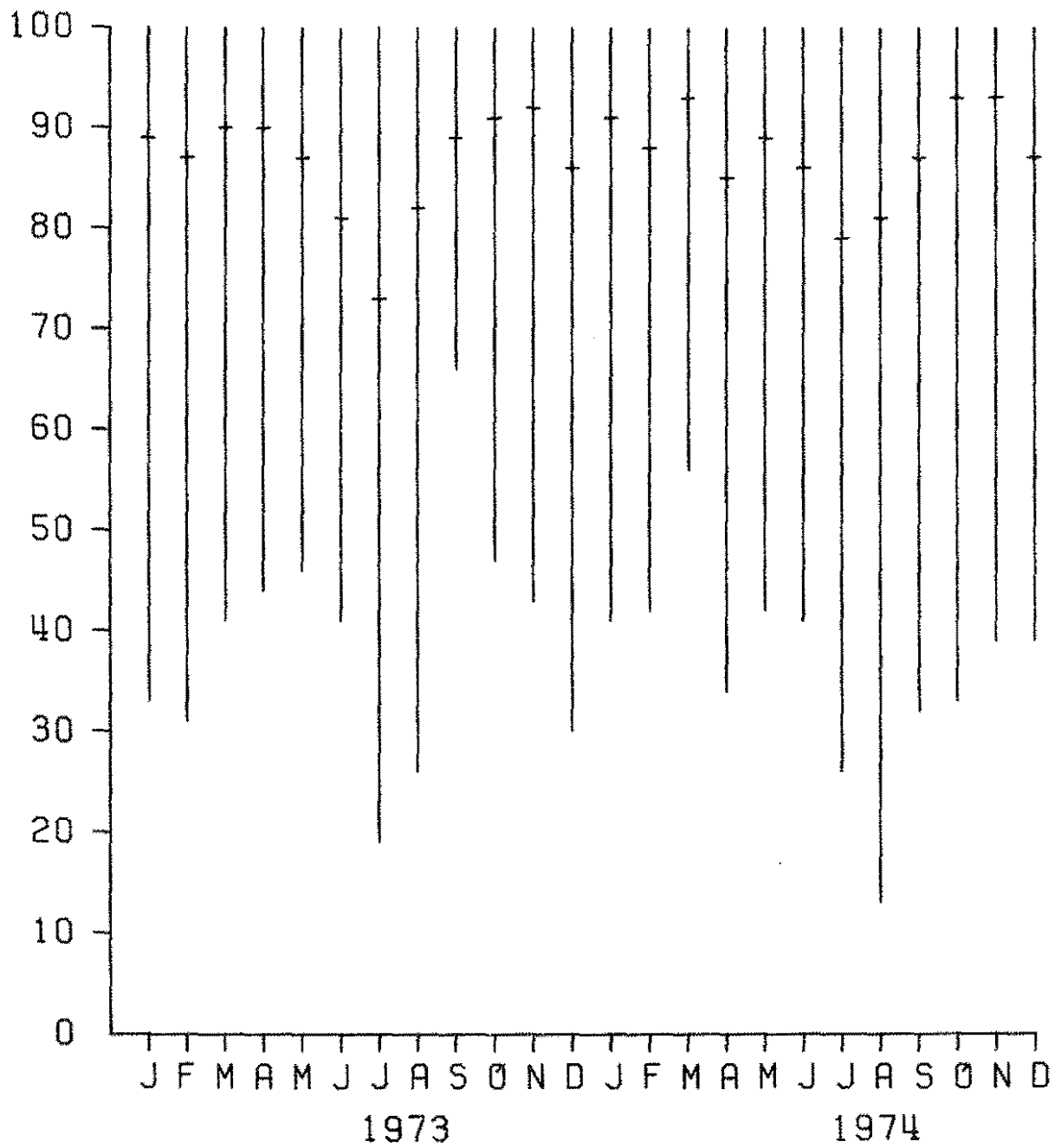
TEMPERATURE, M66

% SATURATION



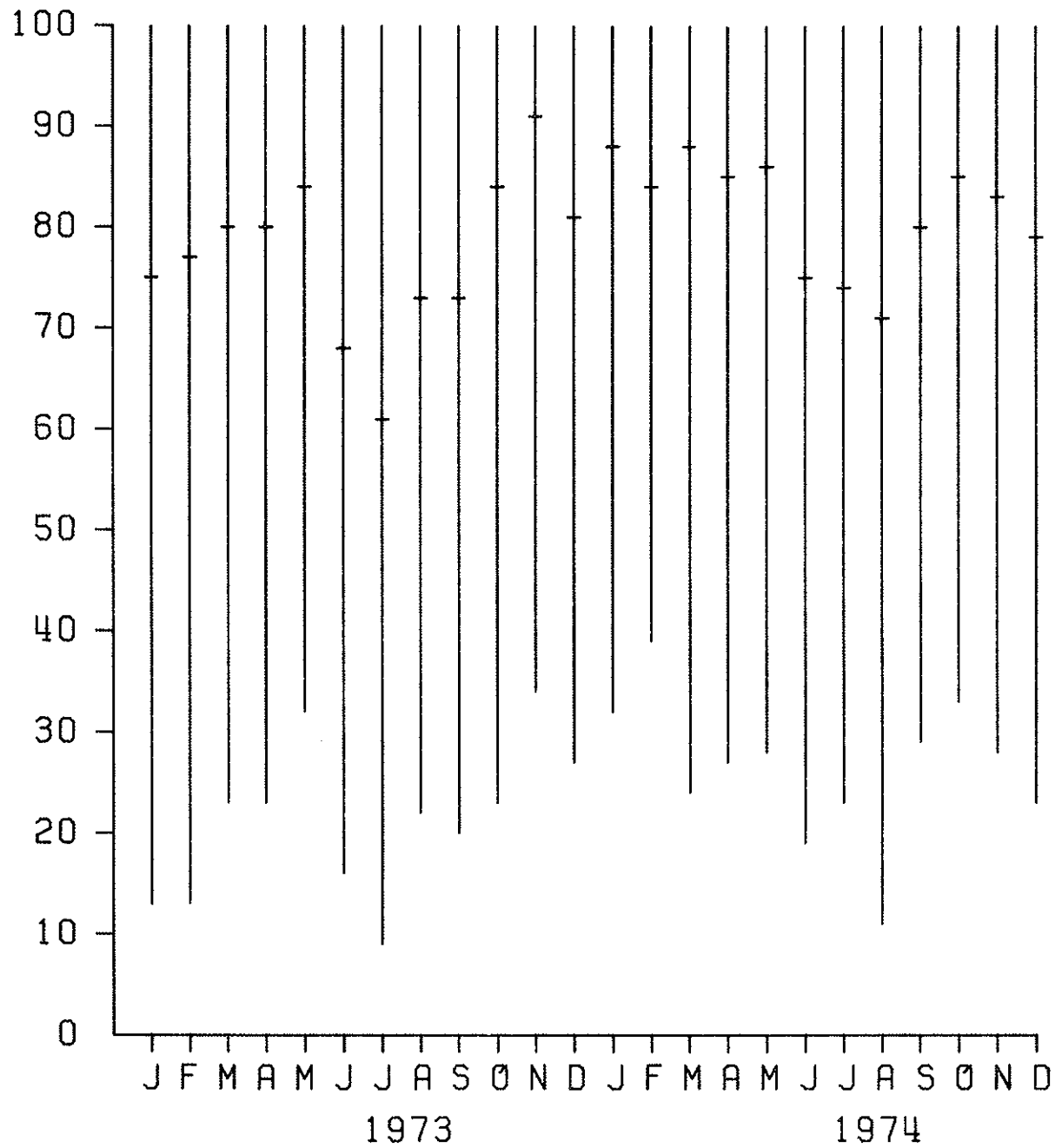
HUMIDITY, K54

% SATURATION



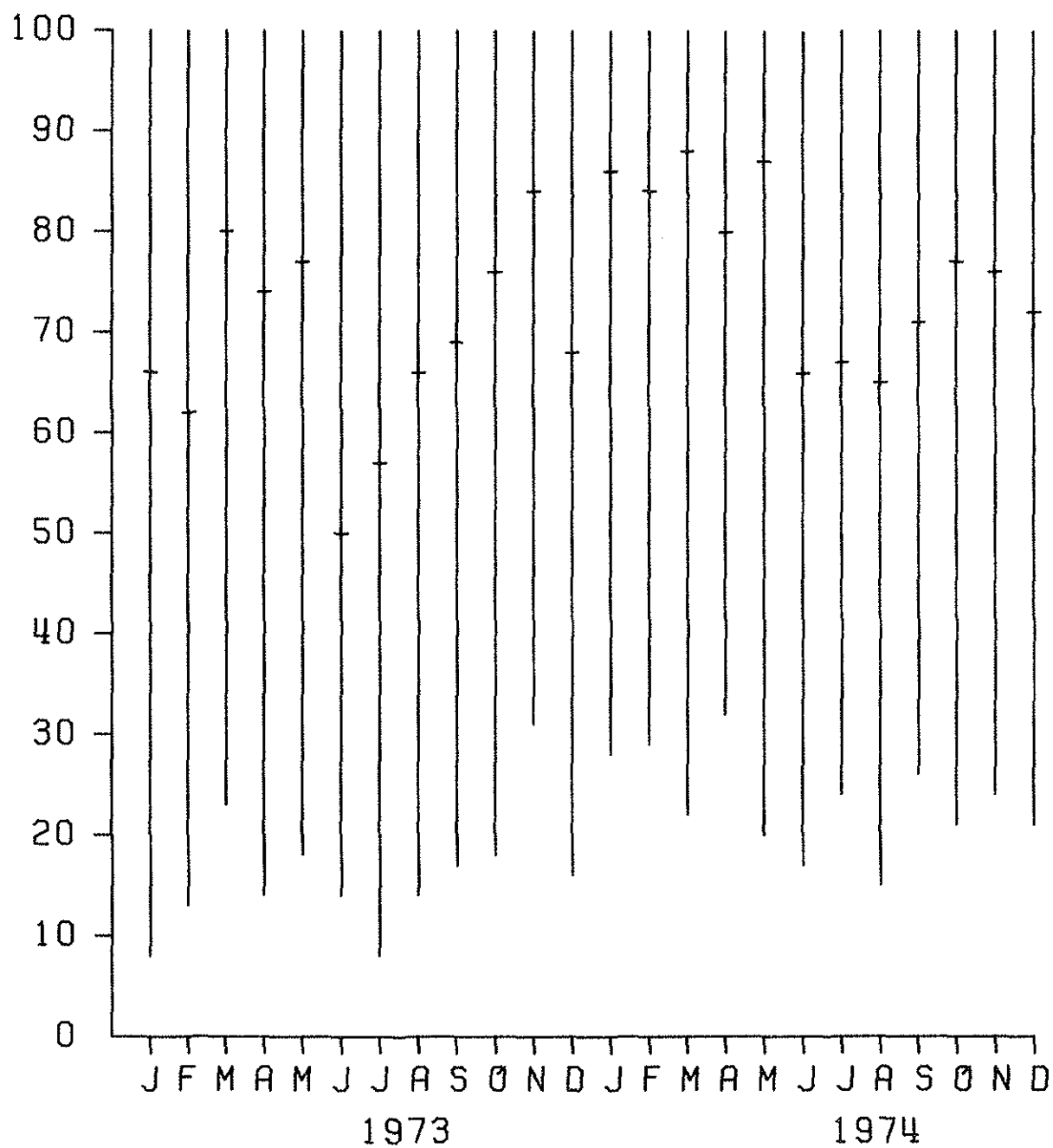
HUMIDITY, M42

% SATURATION

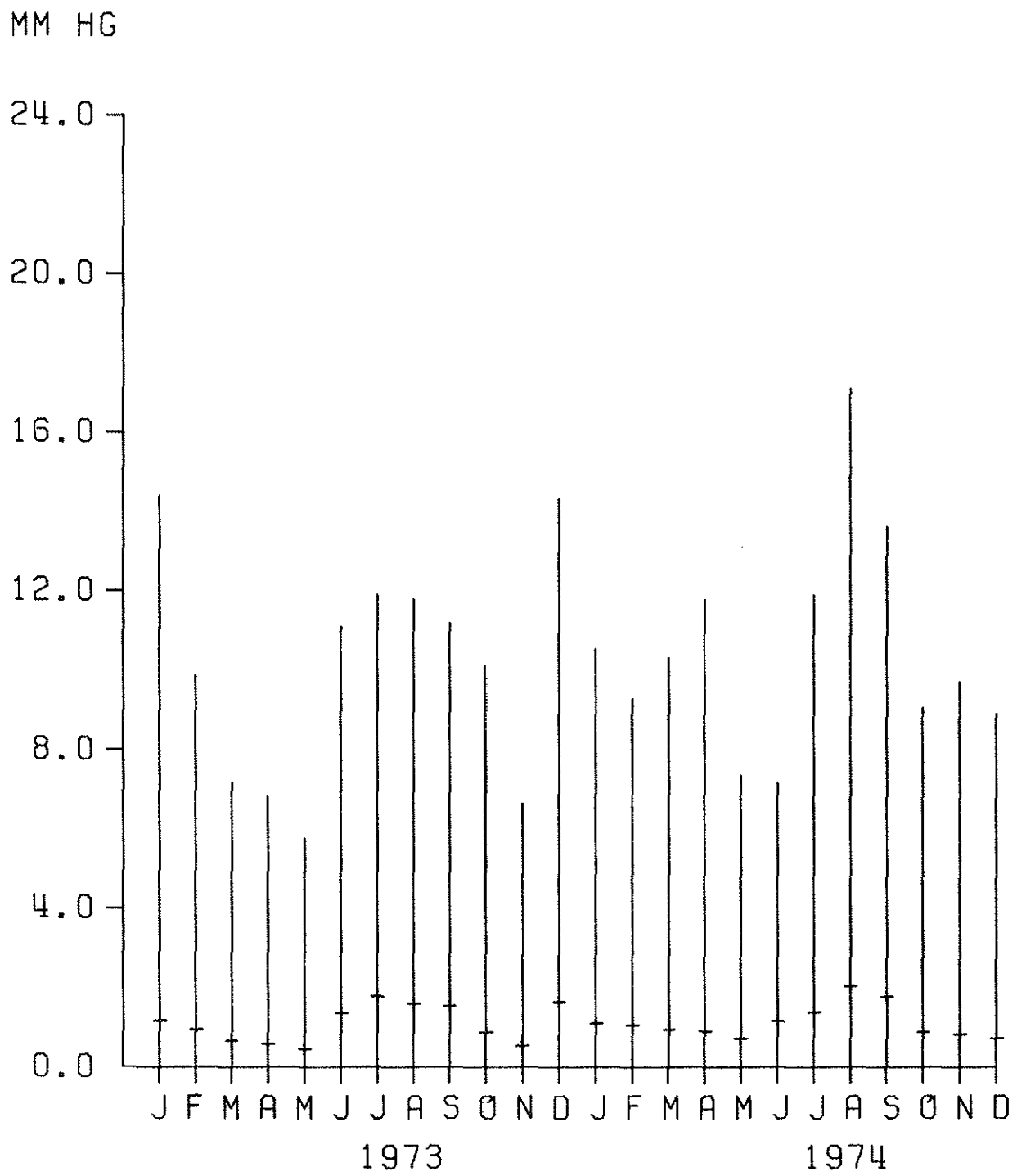


HUMIDITY, M54

% SATURATION

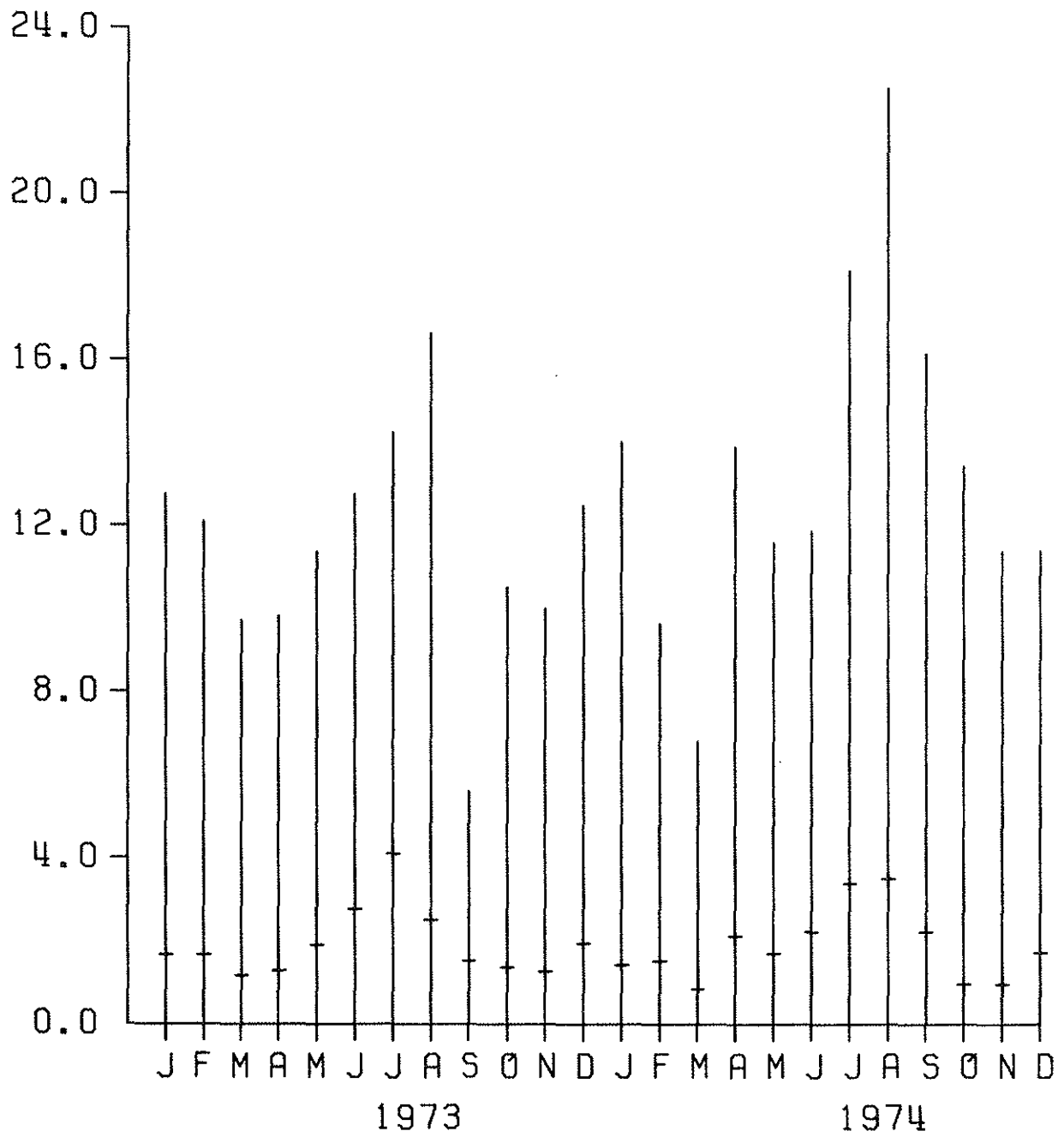


HUMIDITY, M66

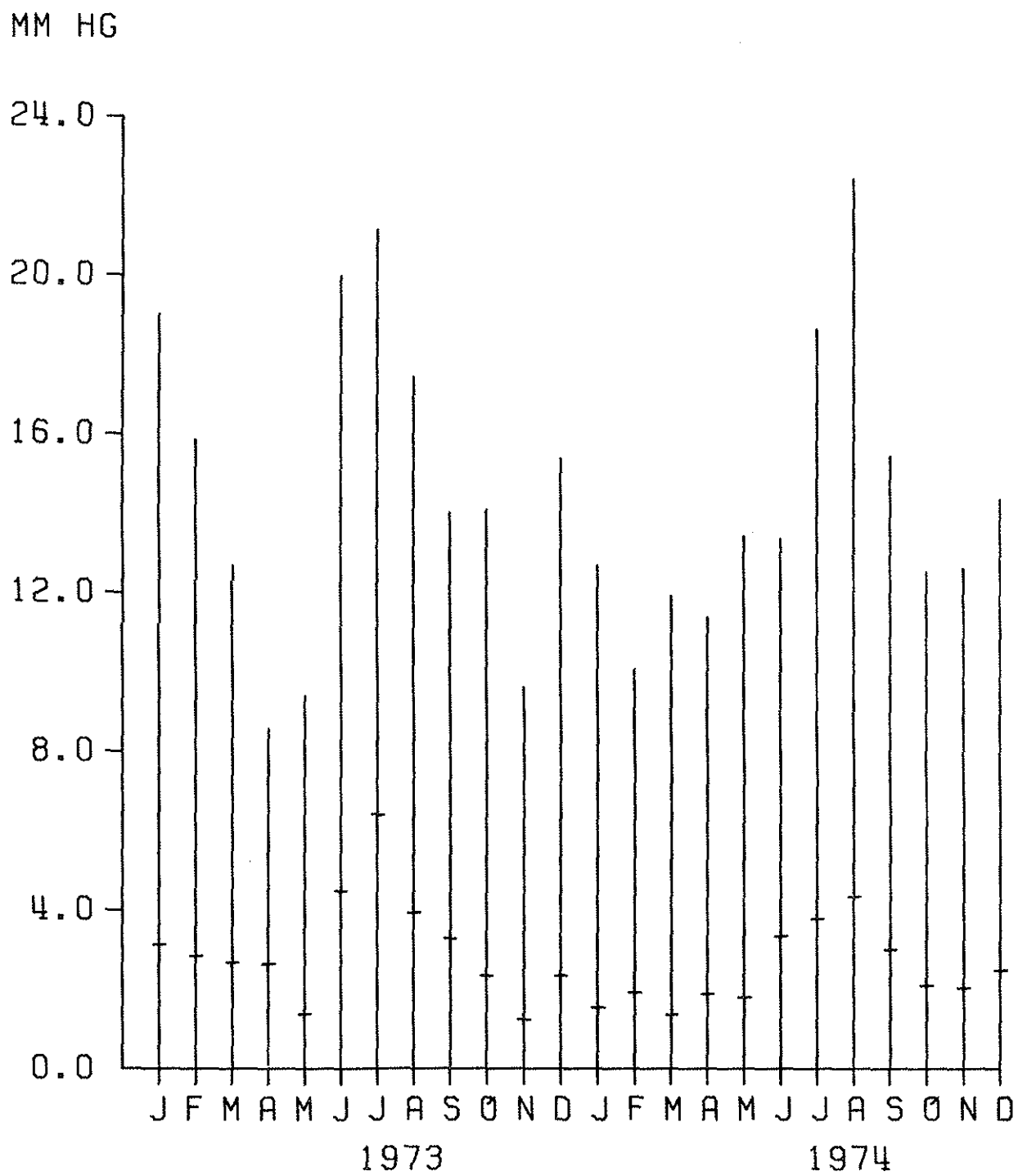


SATURATION DEFICIT, K54

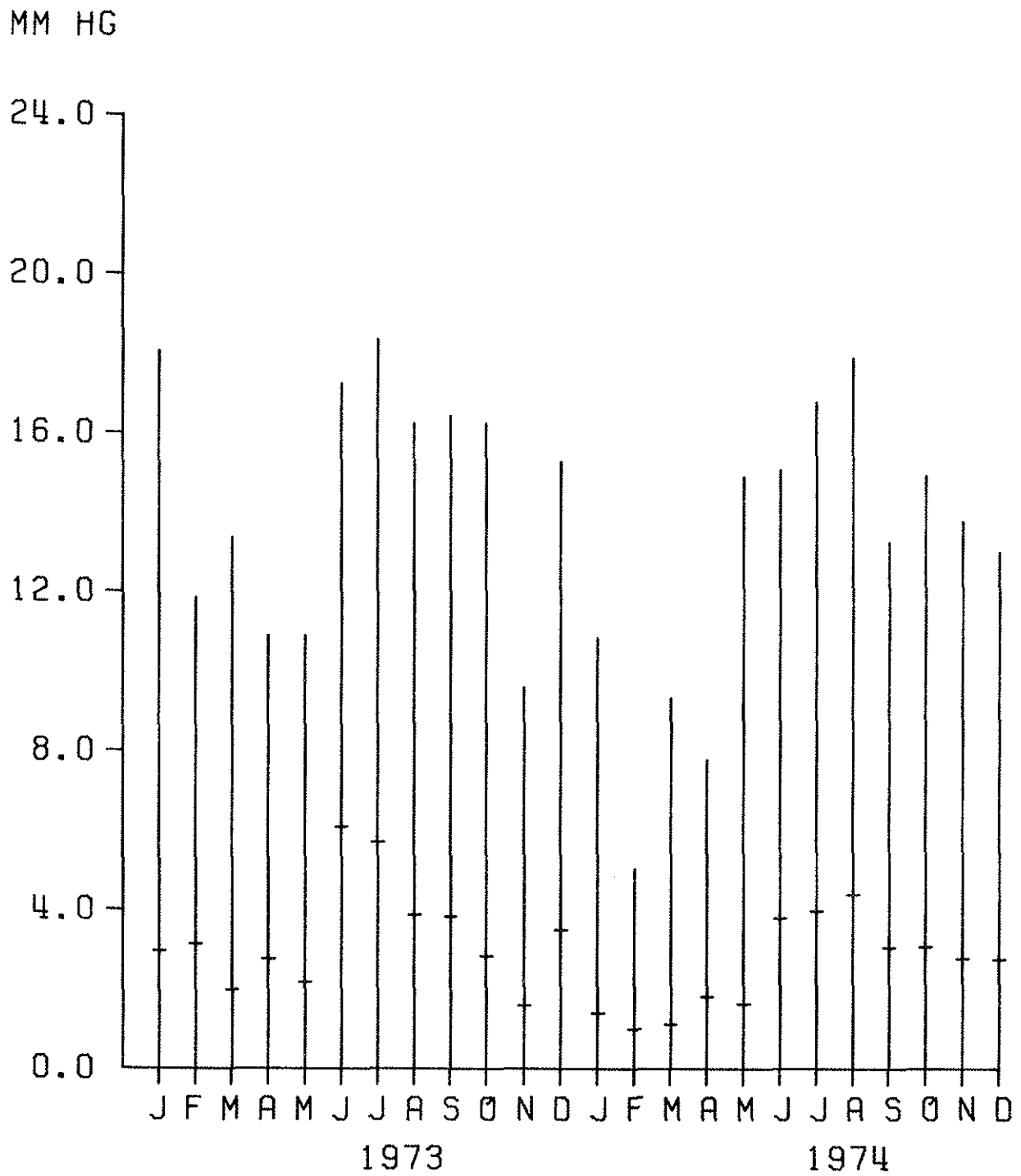
MM HG



SATURATION DEFICIT, M42



SATURATION DEFICIT, M54



SATURATION DEFICIT, M66

KILAUEA 5400

MONTH = JANUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	12	54	15	58	18	64	24	78	93	99	24
2	9	48	14	57	21	70	24	70	92	100	24
3	11	52	14	58	19	66	24	80	95	99	24
4	11	52	14	57	16	61	24	96	98	100	24
5	11	52	13	56	18	64	24	85	98	100	24
6	9	48	13	56	17	63	24	85	97	100	24
7	10	50	13	55	18	64	20	72	91	98	20
8	9	48	15	59	24	75	24	59	91	100	24
9	11	52	14	58	19	66	24	82	94	99	24
10	13	55	15	58	17	63	24	89	97	99	24
11	12	54	14	57	18	64	24	89	96	99	12
12	10	50	15	58	23	73	24	50	85	98	24
13	8	46	14	58	22	72	24	47	83	97	24
14	10	50	14	57	23	73	20	57	87	97	18
15	11	52	16	60	23	73	24	50	89	99	24
16	10	50	16	60	22	72	24	61	91	100	24
17	11	52	16	60	21	70	24	80	94	100	24
18	11	52	15	59	20	68	24	70	92	100	24
19	8	46	14	57	23	73	24	51	85	100	24
20	9	48	13	56	20	68	24	67	94	100	24
21	7	45	11	51	16	61	20	66	90	100	18
22	5	41	10	50	17	63	24	63	88	100	24
23	7	45	10	50	13	55	24	81	96	99	24
24	8	46	10	49	12	54	24	96	98	99	24
25	7	45	10	50	14	57	24	81	95	99	24
26	6	43	10	49	15	59	24	74	93	100	24
27	5	41	10	49	16	61	24	71	91	99	24
28	5	41	10	50	16	61	22	68	90	98	22
29	7	45	10	51	15	59	24	77	94	100	24
30	6	43	10	51	15	59	24	81	95	100	24
31	6	43	11	52	18	64	24	66	89	99	24
MONTH	5	41	13	55	24	75	730	47	92	100	714

KILAUEA 5400

MONTH = FEBRUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	4	39	11	52	20	68	24	47	84	98	24
2	6	43	12	53	18	64	24	71	89	99	24
3	6	43	11	51	16	61	24	72	94	100	24
4	5	41	11	51	16	61	24	73	93	99	22
5	7	45	11	52	16	61	24	77	95	100	24
6	7	45	12	53	17	63	24	84	94	99	24
7	7	45	11	52	17	63	24	76	96	100	24
8	10	50	11	53	14	57	24	91	97	100	24
9	9	48	11	52	13	55	24	96	98	100	24
10	9	48	11	51	13	55	24	95	97	99	24
11	7	45	11	51	16	61	24	70	91	99	22
12	7	45	10	50	13	55	24	81	95	100	24
13	7	45	12	53	17	63	24	80	94	100	24
14	8	46	13	56	20	68	24	60	89	98	24
15	11	52	13	56	18	64	24	75	93	98	24
16	10	50	13	55	21	70	24	65	90	98	24
17	6	43	12	53	18	64	24	70	91	99	24
18	8	46	12	53	17	63	22	80	92	98	22
19	6	43	11	52	17	63	24	70	92	100	24
20	3	37	10	50	17	63	24	52	89	100	24
21	8	46	11	53	18	64	24	62	90	99	24
22	3	37	10	50	16	61	24	66	91	99	24
23	9	48	12	54	18	64	24	61	92	99	24
24	7	45	11	51	17	63	24	59	90	99	24
25	7	45	11	52	19	66	22	51	87	99	20
26	6	43	11	52	18	64	24	71	89	99	24
27	8	46	12	53	18	64	24	69	90	99	24
28	7	45	11	52	18	64	24	59	88	99	24
MONTH	3	37	11	52	21	70	668	47	92	100	662

KILAUEA 5400

MONTH = MARCH

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	3	37	9	49	16	61	24	66	93	99	24
2	5	41	9	49	14	57	24	89	97	100	24
3	7	45	10	51	15	59	24	76	95	99	24
4	7	45	11	53	15	59	22	90	98	100	22
5	11	52	13	55	16	61	24	90	98	100	16
6	10	50	13	55	14	57	24				0
7	8	46	11	52	14	57	24				0
8	10	50	13	55	15	59	24				0
9	8	46	12	54	18	64	24				0
10	6	43	12	54	19	66	24				0
11	5	41	11	53	19	66	24	54	85	99	16
12	7	45	13	55	18	64	24	70	93	100	24
13	11	52	12	54	14	57	24	97	99	99	24
14	10	50	13	55	16	61	24	88	97	99	24
15	10	50	12	54	15	59	24	92	98	99	24
16	6	43	12	53	17	63	24	80	95	100	24
17	6	43	11	51	16	61	24	84	97	100	24
18	9	48	12	53	15	59	22	90	97	100	20
19	9	48	13	55	17	63	24	75	95	100	24
20	8	46	13	56	17	63	24	78	93	100	24
21	10	50	13	56	19	66	24	73	93	99	24
22	9	48	14	58	21	70	24	70	93	100	24
23	9	48	15	58	22	72	24	59	92	100	24
24	12	54	14	57	15	59	24	96	98	99	24
25	10	50	13	56	17	63	22	86	97	99	18
26	12	54	14	57	16	61	24	98	99	100	24
27	9	48	13	56	16	61	24	89	97	99	24
28	6	43	12	54	21	70	24	64	89	100	24
29	6	43	13	55	22	72	24	53	82	99	24
30	7	45	13	55	22	72	24	48	78	98	24
31	8	46	14	57	22	72	24	54	82	98	24
MONTH	3	37	12	54	22	72	738	48	93	100	596

KILAUEA 5400

MONTH = APRIL

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	5	41	12	54	23	73	22	42	78	99	22
2	7	45	13	56	23	73	24	46	81	99	24
3	8	46	15	58	24	75	24	44	82	100	24
4	11	52	15	58	22	72	24	51	84	98	24
5	10	50	12	54	16	61	24	80	94	99	24
6	10	50	13	55	17	63	24	68	94	100	24
7	10	50	12	54	15	59	24	95	98	100	24
8	9	48	11	52	14	57	20	98	99	100	16
9	8	46	12	54	18	64	24	72	96	100	24
10	7	45	12	54	17	63	24	74	94	99	24
11	11	52	13	55	15	59	24	98	98	99	24
12	10	50	13	55	15	59	24	97	98	99	24
13	10	50	12	54	16	61	24	83	95	99	24
14	7	45	12	53	19	66	24	82	97	100	24
15	9	48	12	54	17	63	20	86	97	100	16
16	11	52	13	54	14	57	24	99	100	100	24
17	10	50	13	55	17	63	24	76	96	100	24
18	11	52	13	56	17	63	24	86	98	100	24
19	11	52	13	56	18	64	24	80	96	100	24
20	10	50	12	53	14	57	24	99	100	100	24
21	10	50	12	53	14	57	24	97	99	100	24
22	9	48	11	51	14	57	22	96	98	99	20
23	7	45	11	51	14	57	24	91	97	100	24
24	6	43	11	51	15	59	24	81	95	99	24
25	6	43	11	52	18	64	24	70	92	98	24
26	6	43	12	53	20	68	24	58	86	98	24
27	5	41	11	52	18	64	24	75	92	98	24
28	7	45	12	54	18	64	24	69	93	98	24
29	6	43	11	52	16	61	20	93	97	99	20
30	10	50	14	57	20	68	24	71	91	100	24
MONTH	5	41	12	54	24	75	704	42	94	100	694

KILAUEA 5400

MONTH = MAY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	13	55	18	64	24	71	92	99	24
2	8	46	13	56	20	68	24	58	88	99	24
3	5	41	12	54	18	64	24	86	95	100	24
4	11	52	14	56	18	64	24	79	94	99	24
5	11	52	14	56	20	68	24	65	90	100	24
6	8	46	12	54	17	63	24	80	92	100	22
7	9	48	12	54	18	64	24	65	92	99	24
8	10	50	13	55	18	64	24	73	93	99	24
9	9	48	14	57	20	68	24	59	89	99	24
10	9	48	12	54	14	57	24	94	97	98	24
11	9	48	12	53	16	61	24	75	94	99	24
12	8	46	12	53	15	59	24	86	97	100	24
13	11	52	14	56	17	63	20	87	96	99	18
14	12	54	13	56	15	59	24	96	98	99	24
15	10	50	12	54	16	61	24	86	98	100	24
16	9	48	13	55	16	61	24	96	98	100	24
17	12	54	14	56	16	61	24	85	97	100	24
18	11	52	13	55	16	61	24	90	98	100	24
19	11	52	13	56	17	63	24	89	98	100	24
20	9	48	13	56	17	63	22	90	97	100	20
21	9	48	14	57	19	66	24	72	92	100	24
22	11	52	14	56	17	63	24	76	94	100	24
23	7	45	12	54	18	64	24	66	91	100	24
24	6	43	12	53	18	64	24	75	94	100	24
25	11	52	13	56	18	64	24	70	95	100	24
26	11	52	13	56	16	61	24	90	98	100	24
27	10	50	13	56	16	61	24	87	97	100	22
28	10	50	14	57	18	64	24	84	96	100	24
29	8	46	14	58	20	68	24	71	94	100	24
30	9	48	14	57	19	66	24	76	96	100	24
31	10	50	14	57	18	64	24	86	97	100	24
MONTH	5	41	13	55	20	68	738	58	95	100	730

KILAUEA 5400

MONTH = JUNE

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	10	50	14	57	19	66	24	78	96	100	24
2	11	52	14	57	19	66	24	75	94	100	24
3	8	46	13	56	18	64	22	70	89	100	18
4	10	50	13	55	16	61	24	90	96	98	24
5	11	52	14	57	17	63	24	90	96	98	24
6	11	52	14	57	17	63	24	80	93	97	24
7	11	52	14	57	19	66	24	79	92	97	24
8	9	48	13	56	19	66	24	70	92	99	24
9	9	48	13	56	19	66	24	74	91	99	24
10	6	43	12	54	19	66	24	72	92	98	22
11	7	45	14	57	20	68	24	70	89	98	24
12	7	45	13	56	20	68	24	72	88	100	24
13	9	48	14	58	20	68	24	64	86	99	24
14	13	55	15	59	19	66	24	76	94	98	24
15	12	54	14	57	17	63	24	90	96	99	24
16	12	54	15	58	19	66	24	76	93	99	24
17	11	52	15	58	19	66	22	81	94	99	20
18	8	46	14	57	18	64	24	85	95	99	24
19	8	46	14	57	21	70	24	61	85	99	24
20	7	45	14	56	21	70	24	65	88	98	24
21	9	48	13	56	19	66	24	67	89	98	24
22	8	46	14	57	20	68	24	59	85	99	24
23	11	52	14	57	20	68	24	62	86	98	24
24	11	52	13	55	16	61	22	85	96	99	20
25	9	48	13	54	17	63	24	75	93	99	24
26	6	43	11	52	17	63	24	73	92	100	24
27	6	43	12	54	18	64	24	67	92	100	24
28	10	50	12	54	16	61	24	87	97	99	24
29	10	50	13	54	16	61	24	78	96	99	24
30	9	48	13	55	18	64	24	77	93	99	24
MONTH	6	43	13	56	21	70	714	59	92	100	704

KILAUEA 5400

MONTH = JULY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	11	52	13	55	17	63	22	80	94	99	22
2	8	46	13	55	18	64	24	81	93	99	24
3	8	46	13	56	20	68	24	70	88	99	24
4	8	46	14	58	22	72	24	40	71	97	24
5	10	50	13	56	18	64	24	83	92	98	24
6	11	52	13	56	17	63	24	80	92	98	24
7	10	50	14	56	18	64	24	70	89	98	24
8	9	48	13	56	18	64	22	72	92	99	20
9	9	48	13	55	19	66	24	68	89	100	24
10	7	45	12	54	19	66	24	65	89	99	24
11	5	41	13	55	21	70	24	52	84	98	24
12	5	41	12	54	21	70	24	39	80	98	24
13	10	50	13	56	18	64	24	73	91	100	24
14	7	45	13	54	18	64	24	73	92	100	24
15	9	48	12	54	17	63	24	80	95	100	22
16	8	46	12	54	19	66	24	72	94	100	24
17	8	46	12	53	15	59	24	93	98	99	24
18	7	45	12	53	15	59	24	94	97	99	24
19	8	46	13	54	19	66	24	72	91	100	24
20	6	43	11	52	15	59	24	87	96	100	24
21	8	46	13	56	21	70	24	61	88	99	24
22	9	48	13	55	17	63	24	86	95	98	20
23	8	46	12	54	16	61	24	86	96	100	24
24	7	45	13	56	19	66	24	74	92	100	24
25	8	46	14	58	22	72	24	61	88	99	24
26	11	52	15	59	19	66	24	73	92	99	24
27	11	52	15	60	22	72	24	65	89	99	24
28	7	45	13	56	21	70	24	61	92	99	24
29	7	45	13	56	21	70	24	70	89	99	20
30	9	48	14	57	19	66	24	89	94	100	24
31	9	48	16	60	24	75	24	57	86	100	24
MONTH	5	41	13	56	24	75	740	39	91	100	728

KILAUEA 5400

MONTH = AUGUST

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	14	57	17	63	23	73	24	59	84	97	24
2	12	54	16	61	23	73	24	59	82	96	24
3	11	52	16	60	24	75	24	56	85	99	24
4	11	52	15	58	21	70	24	66	89	97	24
5	11	52	14	57	20	68	20	69	91	100	20
6	10	50	13	55	19	66	24	69	90	99	24
7	10	50	12	54	16	61	24	80	94	99	24
8	10	50	12	54	18	64	24	69	94	99	24
9	11	52	13	56	17	63	24	95	98	99	24
10	8	46	14	57	21	70	24	62	90	100	24
11	11	52	15	59	18	64	24	95	97	99	24
12	12	54	16	61	24	75	24	38	68	99	20
13	12	54	16	60	23	73	24	68	85	96	24
14	11	52	15	58	20	68	24	70	90	99	24
15	11	52	15	60	20	68	24	79	93	99	24
16	9	48	16	61	24	75	24	61	86	100	24
17	7	45	16	60	24	75	24	55	85	98	24
18	12	54	16	61	22	72	24	70	90	99	24
19	11	52	16	61	22	72	24	76	95	99	24
20	13	55	16	61	23	73	24	63	91	100	24
21	12	54	16	60	22	72	24	60	87	99	24
22	10	50	16	60	22	72	24	74	92	99	24
23	9	48	16	60	26	79	24	46	81	100	24
24	10	50	16	61	25	77	24	49	83	99	24
25	7	45	15	60	24	75	24	54	85	100	24
26	7	45	14	57	22	72	24	67	88	99	22
27	7	45	14	57	20	68	24	69	92	100	24
28	9	48	15	59	24	75	24	57	85	99	24
29	6	43	16	60	27	81	24	34	78	97	24
30	13	55	18	64	25	77	24	58	85	97	24
31	10	50	15	59	19	66	24	77	92	99	24
MONTH	6	43	15	59	27	81	740	34	88	100	734

KILAUEA 5400

MONTH = SEPTEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	10	50	16	60	20	68	24	82	94	98	24
2	10	50	14	57	18	64	22	85	97	99	20
3	10	50	15	59	22	72	24	67	93	100	24
4	9	48	14	58	20	68	24	78	93	99	24
5	7	45	15	59	25	77	24	49	83	100	24
6	8	46	14	57	22	72	24	67	87	98	24
7	10	50	16	61	25	77	24	47	82	99	24
8	10	50	15	59	20	68	24	61	89	98	24
9	7	45	8	45	8	46	8	97	98	99	8
10							0				0
11							0				0
12							0				0
13							0				0
14							0				0
15							0				0
16							0				0
17	15	59	18	64	22	72	16	68	90	97	16
18	11	52	16	61	23	73	24	63	92	99	24
19	10	50	16	61	26	79	24	46	84	99	24
20	8	46	16	61	26	79	24	48	82	98	24
21	9	48	16	61	25	77	24	49	85	100	24
22	10	50	15	60	22	72	24	66	93	100	24
23	10	50	14	57	18	64	20	90	96	100	18
24	9	48	14	58	22	72	24	58	89	100	24
25	11	52	15	59	21	70	24	66	91	99	24
26	9	48	14	56	18	64	24	81	94	99	24
27	8	46	14	58	23	73	24	57	88	100	24
28	7	45	14	57	23	73	24	67	92	100	24
29	7	45	14	56	24	75	24	56	88	99	24
30	6	43	13	56	20	68	22	86	96	100	20
MONTH	6	43	15	59	26	79	520	46	90	100	514

KILAUEA 5400

MONTH = OCTOBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	11	52	14	57	22	72	24	62	93	99	24
2	9	48	13	55	18	64	24	72	93	99	24
3	9	48	13	56	19	66	24	82	96	100	24
4	8	46	14	57	22	72	24	56	90	100	24
5	10	50	12	54	15	59	24	95	98	99	24
6	11	52	13	55	16	61	24	87	96	99	24
7	10	50	13	56	18	64	24	77	95	99	24
8	11	52	12	54	17	63	24	82	97	100	24
9	9	48	13	55	19	66	24	71	92	100	24
10	9	48	13	55	15	59	24	90	97	100	24
11	11	52	14	57	16	61	24	92	98	99	24
12	12	54	14	57	17	63	24	91	98	99	24
13	9	48	13	55	17	63	24	83	97	99	24
14	8	46	13	56	17	63	22	92	98	100	22
15	11	52	14	57	17	63	24	92	98	100	24
16	10	50	13	55	16	61	24	94	98	100	24
17	5	41	12	54	21	70	24	52	88	100	24
18	8	46	13	56	19	66	24	82	95	99	24
19	9	48	13	55	20	68	24	59	90	99	24
20	8	46	13	55	18	64	24	75	94	99	24
21	8	46	13	55	20	68	22	68	92	100	20
22	9	48	14	56	21	70	24	67	90	99	24
23	10	50	14	57	20	68	24	64	90	100	24
24	10	50	13	56	19	66	24	69	89	99	24
25	9	48	14	57	23	73	24	57	86	99	24
26	9	48	14	57	22	72	24	55	87	99	24
27	14	57	15	59	17	63	24	97	98	99	24
28	12	54	14	58	18	64	22	82	95	99	22
29	10	50	13	55	16	61	24	87	96	98	24
30	10	50	13	55	17	63	24	87	96	99	24
31	8	46	13	56	20	68	24	69	94	99	24
MONTH	5	41	13	56	23	73	738	52	94	100	736

KILAUEA 5400

MONTH = NOVEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	13	54	18	64	24	72	95	99	24
2	9	48	12	54	17	63	24	80	95	99	24
3	8	46	13	55	18	64	24	70	91	100	24
4	5	41	9	49	15	59	18	84	96	99	16
5	7	45	12	54	18	64	24	69	92	99	24
6	10	50	12	54	17	63	24	78	95	99	24
7	7	45	12	53	15	59	24	83	97	99	24
8	5	41	11	52	15	59	24	86	97	100	24
9	10	50	12	54	14	57	24	97	98	99	24
10	8	46	12	53	16	61	24	88	98	100	24
11	9	48	12	54	18	64	22	68	92	100	20
12	7	45	10	49	12	54	24	93	98	100	24
13	4	39	8	47	13	55	24	96	99	100	24
14	5	41	9	48	14	57	24	88	98	100	24
15	4	39	9	48	12	54	24	95	98	100	24
16	5	41	10	51	16	61	24	71	94	100	24
17	8	46	12	53	19	66	24	52	90	100	24
18	10	50	11	52	12	54	20	99	100	100	18
19	10	50	12	53	14	57	24	95	99	100	24
20	10	50	12	53	16	61	24	82	97	100	24
21	8	46	11	51	14	57	24	98	99	100	24
22	8	46	12	53	18	64	24	70	93	100	24
23	8	46	12	53	17	63	24	88	96	99	24
24	10	50	13	56	18	64	24	68	92	99	24
25	7	45	11	52	17	63	20	80	95	99	18
26	5	41	12	53	20	68	24	61	88	100	24
27	7	45	12	53	21	70	24	56	87	97	24
28	6	43	12	54	22	72	24	51	82	96	24
29	7	45	12	53	21	70	24	53	81	92	24
30	6	43	11	52	21	70	24	57	87	99	24
MONTH	4	39	11	52	22	72	704	51	94	100	696

KILAUEA 5400

MONTH = DECEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->						<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F				
1	5	41	11	51	21	70	55	87	100	24
2	4	39	11	52	20	68	61	87	99	18
3	4	39	11	51	21	70	61	86	97	24
4	5	41	11	52	21	70	56	86	98	24
5	6	43	12	53	21	70	46	84	100	24
6	6	43	11	52	16	61	87	97	100	24
7	9	48	12	54	17	63	72	94	99	24
8	8	46	11	52	17	63	78	91	99	24
9	10	50	12	53	19	66	49	88	100	20
10	7	45	11	52	16	61	71	94	99	24
11	7	45	11	52	18	64	56	87	99	24
12	8	46	11	52	15	59	85	96	100	24
13	7	45	10	51	12	54	99	100	100	24
14	7	45	11	53	18	64	74	95	100	24
15	9	48	11	52	14	57	96	99	100	24
16	8	46	10	50	12	54	100	100	100	20
17	7	45	10	49	15	59	84	97	100	24
18	7	45	10	50	15	59	67	93	99	24
19	5	41	10	49	15	59	82	95	100	24
20	5	41	10	50	13	55	99	99	100	24
21	9	48	10	50	12	54	97	99	100	24
22	11	52	12	54	14	57	99	99	100	24
23	10	50	12	54	16	61	88	97	100	18
24	9	48	11	52	12	54	99	100	100	24
25	8	46	11	52	14	57	97	99	100	24
26	10	50	12	53	14	57	99	100	100	24
27	7	45	11	51	13	55	99	100	100	24
28	6	43	9	48	13	55	92	98	100	24
29	7	45	11	51	15	59	69	93	100	18
30										0
31										0
MONTH	4	39	11	52	21	70	46	94	100	670

MAUNA LOA 4200

MONTH = JANUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	12	54	13	56	17	63	24	98	100	100	24
2	8	46	14	57	18	64	24	85	97	100	24
3	11	52	14	57	17	63	24	100	100	100	24
4	11	52	14	57	16	61	24	100	100	100	24
5	12	54	14	58	17	63	24	100	100	100	24
6	13	55	14	58	16	61	24	100	100	100	24
7	11	52	11	52	12	54	8				0
8							0				0
9							0				0
10							0				0
11							0				0
12							0				0
13							0				0
14	12	54	17	62	23	73	16	52	74	95	16
15	12	54	17	62	25	77	24	41	80	98	24
16	11	52	17	62	25	77	24	49	85	100	24
17	12	54	17	63	24	75	24	61	91	100	24
18	10	50	16	60	19	66	24	85	95	100	24
19	9	48	15	59	22	72	24	61	88	100	24
20	10	50	14	58	20	68	24	68	93	100	24
21	9	48	14	57	20	68	20	55	87	100	20
22	9	48	14	56	20	68	24	48	71	95	24
23	11	52	13	56	18	64	24	64	86	99	24
24	10	50	12	54	15	59	24	88	96	100	24
25	10	50	13	55	18	64	24	64	87	94	24
26	9	48	13	56	20	68	24	49	80	95	24
27	8	46	13	56	21	70	24	47	81	97	24
28	6	43	10	50	16	61	22	68	93	100	18
29	6	43	9	49	15	59	24	69	94	100	24
30	4	39	9	48	15	59	24	72	96	100	24
31	4	39	9	48	15	59	24	86	97	100	24
MONTH	4	39	13	56	25	77	570	41	91	100	558

MAUNA LOA 4200

MONTH = FEBRUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	3	37	10	51	20	68	24	45	86	100	24
2	6	43	12	54	19	66	18	58	81	100	18
3							0				0
4	9	48	13	55	19	66	14	79	97	100	14
5	6	43	10	51	16	61	24	84	97	100	24
6	7	45	12	53	19	66	24	64	93	100	24
7	8	46	12	54	20	68	24	61	87	100	24
8	10	50	12	53	16	61	24	70	92	100	24
9	8	46	10	51	13	55	24	100	100	100	24
10	9	48	10	50	13	55	10	81	93	100	10
11	7	45	11	52	15	59	14	56	78	92	14
12	7	45	10	50	15	59	24	70	85	100	24
13	6	43	11	51	18	64	24	56	90	100	24
14	7	45	12	54	19	66	24	48	89	100	24
15	9	48	12	53	19	66	24	67	93	100	24
16	8	46	12	53	18	64	24	57	88	100	24
17	5	41	11	52	19	66	24	51	85	100	24
18	8	46	11	52	17	63	24	70	89	100	22
19	6	43	10	50	16	61	24	71	91	100	24
20	4	39	10	50	18	64	24	42	86	100	24
21	7	45	10	51	18	64	24	52	86	100	24
22	4	39	10	50	18	64	24	44	84	100	24
23	8	46	12	53	19	66	24	53	89	100	24
24	8	46	11	52	17	63	24	50	82	100	24
25	7	45	11	52	19	66	22	46	82	99	22
26	7	45	12	54	19	66	24	53	84	100	24
27	8	46	12	53	18	64	24	62	86	100	24
28	6	43	10	51	16	61	24	64	88	99	24
MONTH	3	37	11	52	20	68	606	42	88	100	604

MAUNA LOA 4200

MONTH = MARCH

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	4	39	10	49	17	63	24	57	91	100	24
2	5	41	9	49	15	59	24	79	98	100	24
3	6	43	10	51	16	61	24	56	91	100	24
4	8	46	11	51	16	61	22	77	95	99	20
5	10	50	12	54	18	64	24	67	95	100	24
6	8	46	11	52	13	55	24	91	99	100	24
7	8	46	10	50	13	55	24	90	94	96	24
8	9	48	11	52	15	59	24	86	96	100	24
9	7	45	12	53	17	63	24	65	88	100	24
10	5	41	11	53	18	64	24	56	84	98	24
11	5	41	11	52	19	66	22	96	97	99	6
12	7	45	12	54	17	63	24				0
13	11	52	12	53	13	55	24				0
14	10	50	13	55	17	63	24				0
15	9	48	12	54	16	61	24				0
16	6	43	11	53	17	63	24				0
17	7	45	12	53	16	61	24				0
18	10	50	12	53	16	61	22				0
19	9	48	12	54	16	61	24				0
20	8	46	12	54	18	64	24				0
21	9	48	13	55	19	66	24				0
22	7	45	13	54	17	63	24				0
23	9	48	15	59	23	73	24				0
24	13	55	14	57	16	61	24				0
25	10	50	15	59	19	66	24				0
26	15	59	16	61	18	64	24				0
27	10	50	14	58	17	63	24				0
28	8	46	14	56	20	68	24				0
29	8	46	15	59	23	73	24				0
30	10	50	16	60	23	73	24				0
31	11	52	16	60	23	73	24				0
MONTH	4	39	12	54	23	73	738	56	93	100	242

MAUNA LOA 4200

MONTH = APRIL

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	10	50	16	60	23	73	22	34	58	93	14
2	10	50	14	57	22	72	24	36	74	99	24
3	10	50	15	59	23	73	24	44	77	96	24
4	12	54	15	60	22	72	24	42	71	99	24
5	11	52	14	57	18	64	24	65	77	85	24
6	11	52	14	58	21	70	24	51	81	98	24
7	12	54	14	57	17	63	24	74	88	98	24
8	10	50	13	55	16	61	22	77	96	99	22
9	11	52	14	57	20	68	24	56	89	100	24
10	9	48	14	58	21	70	24	74	90	100	10
11	12	54	14	58	17	63	24				0
12	12	54	14	57	17	63	24				0
13	11	52	14	58	19	66	24				0
14	10	50	14	57	22	72	24				0
15	11	52	15	59	21	70	24	65	85	100	16
16	12	54	14	56	15	59	24	99	100	100	24
17	11	52	14	58	20	68	24	56	87	100	24
18	12	54	15	59	21	70	24	66	92	100	24
19	12	54	15	59	22	72	24	60	92	100	24
20	12	54	13	56	15	59	24	84	96	100	24
21	12	54	14	57	19	66	24	68	89	99	24
22	11	52	13	56	18	64	22	76	88	96	18
23	10	50	14	57	18	64	24	60	81	97	24
24	8	46	13	55	17	63	24	63	90	99	24
25	7	45	13	56	19	66	24	56	82	100	24
26	7	45	14	57	22	72	24	51	80	98	24
27	7	45	14	56	20	68	24	57	87	100	24
28	11	52	14	58	20	68	24	75	91	100	24
29	10	50	14	57	20	68	22	86	95	99	18
30	11	52	16	61	23	73	24	50	78	96	24
MONTH	7	45	14	57	23	73	712	34	85	100	578

MAUNA LOA 4200

MONTH = MAY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	11	52	16	60	21	70	24	55	71	86	24
2	10	50	15	59	23	73	24	45	80	96	24
3	7	45	14	56	19	66	24	71	93	100	24
4	12	54	16	60	23	73	24	57	85	100	24
5	12	54	16	61	23	73	24	50	81	98	22
6	11	52	14	57	20	68	22	61	77	92	22
7	10	50	14	57	20	68	24	43	82	100	24
8	10	50	14	57	19	66	24	46	78	99	24
9	11	52	15	59	22	72	24	42	78	100	24
10	11	52	13	55	16	61	24	81	93	100	24
11	9	48	13	56	18	64	24	57	83	100	24
12	8	46	13	55	18	64	24	71	96	100	24
13	11	52	14	57	20	68	22	71	94	100	22
14	12	54	13	56	16	61	22	98	100	100	20
15	10	50	13	56	17	63	24	87	99	100	24
16	10	50	15	58	20	68	24	85	96	100	24
17	12	54	15	60	22	72	24	65	93	100	24
18	12	54	15	58	20	68	24	73	94	100	24
19	12	54	16	60	22	72	24	71	90	100	24
20	11	52	15	59	21	70	24	64	89	100	24
21	11	52	16	60	22	72	24	58	86	100	24
22	11	52	15	59	21	70	24	64	91	100	24
23	11	52	15	58	22	72	24	56	83	100	24
24	9	48	15	58	21	70	24	55	86	100	24
25	12	54	15	58	21	70	24	67	93	100	24
26	11	52	14	57	17	63	24	98	100	100	24
27	11	52	15	58	19	66	24	67	92	100	24
28	12	54	15	59	19	66	24	64	93	100	24
29	10	50	15	59	21	70	24	73	94	100	24
30	10	50	15	60	20	68	24	75	93	100	24
31	11	52	15	59	20	68	24	62	94	99	24
MONTH	7	45	15	58	23	73	738	42	89	100	734

MAUNA LOA 4200

MONTH = JUNE

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	11	52	16	60	23	73	24	55	89	100	24
2	12	54	16	61	23	73	24	50	82	99	24
3	11	52	15	60	22	72	24	59	84	100	24
4	11	52	15	58	19	66	24	86	97	100	24
5	12	54	15	59	19	66	24	96	99	100	24
6	12	54	16	60	21	70	24	64	92	100	24
7	12	54	16	61	24	75	24	66	89	100	24
8	13	55	16	61	22	72	24	62	90	99	24
9	11	52	16	61	22	72	24	56	81	100	24
10	12	54	15	60	22	72	24	51	79	100	24
11	10	50	14	58	21	70	24	58	87	100	24
12	8	46	14	57	20	68	24	65	86	100	24
13	9	48	15	58	22	72	24	56	77	98	24
14	12	54	15	59	21	70	24	61	90	100	24
15	11	52	14	58	19	66	24	81	94	100	24
16	12	54	15	59	21	70	24	61	91	100	24
17	12	54	15	59	22	72	24	65	93	100	22
18	11	52	15	59	19	66	24	86	96	100	24
19	9	48	16	60	24	75	24	47	78	100	24
20	9	48	15	60	23	73	24	56	75	99	24
21	12	54	16	60	22	72	24	53	73	94	24
22	11	52	16	61	23	73	24	48	73	100	24
23	12	54	15	60	22	72	24	50	77	100	24
24	12	54	14	57	20	68	20	66	91	100	20
25	11	52	14	58	20	68	24	61	85	100	24
26	10	50	15	59	22	72	24	41	68	91	24
27	10	50	14	57	21	70	24	66	90	100	24
28	10	50	14	57	18	64	24	76	95	100	24
29	11	52	14	58	21	70	24	60	91	100	24
30	11	52	15	59	21	70	24	49	84	100	24
MONTH	8	46	15	59	24	75	716	41	86	100	714

MAUNA LOA 4200

MONTH = JULY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	14	58	21	70	22	61	90	100	22
2	6	43	14	58	23	73	24	50	81	100	24
3	10	50	18	63	25	77	24	34	55	66	24
4	13	55	19	67	26	79	24	26	33	47	24
5	10	50	18	64	24	75	24	29	65	100	24
6	10	50	15	60	22	72	24	51	76	97	24
7	12	54	16	61	22	72	24	47	80	100	24
8	9	48	15	59	22	72	20	48	81	100	22
9	11	52	16	60	22	72	24	43	65	93	24
10	11	52	16	60	23	73	24	40	67	86	24
11	10	50	16	61	25	77	24	41	64	98	24
12	9	48	16	60	25	77	24	38	66	91	12
13	12	54	16	61	23	73	24	44	76	99	24
14	11	52	16	60	23	73	24	45	77	99	24
15	11	52	15	59	22	72	22	66	83	100	22
16	11	52	16	61	25	77	24	58	83	100	24
17	11	52	14	57	20	68	24	77	96	100	24
18	11	52	15	58	19	66	24	80	92	100	24
19	10	50	16	60	23	73	24	59	85	99	24
20	9	48	13	56	18	64	24	86	97	100	24
21	10	50	16	60	22	72	24	61	90	100	24
22	11	52	16	60	23	73	22	81	92	100	20
23	12	54	15	60	20	68	24	66	90	100	24
24	11	52	16	61	23	73	24	52	80	100	24
25	12	54	18	64	26	79	24	51	78	100	24
26	14	57	18	64	25	77	24	63	88	100	24
27	14	57	17	63	24	75	24	61	91	100	24
28	9	48	16	60	24	75	24	66	92	100	24
29	9	48	15	59	22	72	24	51	88	100	22
30	12	54	17	62	22	72	24	66	86	100	24
31	13	55	18	65	26	79	24	42	75	96	24
MONTH	6	43	16	61	26	79	734	26	79	100	720

MAUNA LOA 4200

MONTH = AUGUST

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	15	59	19	66	25	77	24	43	73	100	24
2	14	57	18	65	25	77	24	39	69	96	24
3	13	55	17	63	26	79	24	47	73	99	24
4	12	54	16	61	23	73	24	56	80	100	24
5	12	54	16	60	23	73	22	51	81	100	24
6	12	54	16	60	24	75	24	51	84	100	24
7	13	55	15	59	21	70	24	66	89	100	24
8	12	54	16	60	23	73	24	51	84	100	24
9	14	57	17	62	21	70	24	78	93	100	24
10	12	54	18	64	26	79	24	45	81	100	24
11	15	59	19	66	24	75	24	80	92	100	24
12	15	59	20	68	29	84	22	20	61	99	24
13	13	55	17	62	22	72	24	57	81	100	24
14	12	54	16	61	24	75	24	50	88	100	24
15	12	54	17	63	23	73	24	69	92	100	24
16	11	52	18	64	25	77	24	55	86	100	24
17	12	54	19	66	29	84	24	42	84	100	24
18	14	57	19	66	27	81	24	55	82	100	24
19	15	59	19	65	25	77	24	58	88	100	22
20	14	57	18	63	25	77	24	43	81	100	24
21	12	54	17	63	25	77	24	46	79	100	24
22	13	55	18	63	24	75	24	61	88	100	24
23	13	55	19	65	28	82	24	31	68	100	24
24	14	57	18	65	27	81	24	40	68	97	24
25	11	52	17	62	23	73	24	46	82	100	24
26	8	46	15	59	22	72	24	57	88	100	22
27	8	46	15	59	21	70	24	60	91	100	24
28	6	43	14	57	20	68	24	56	84	100	24
29	7	45	17	62	28	82	24	13	59	97	24
30	15	59	19	66	27	81	24	46	78	100	24
31	11	52	16	61	22	72	24	66	82	98	24
MONTH	6	43	17	63	29	84	740	13	81	100	740

MAUNA LOA 4200

MONTH = SEPTEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	12	54	16	60	21	70	12	60	77	87	10
2	14	57	17	62	21	70	16	69	92	100	16
3	11	52	15	60	19	66	24	74	95	100	24
4	11	52	15	60	21	70	24	73	95	100	24
5	9	48	15	59	23	73	24	56	84	100	24
6	9	48	16	61	25	77	24	48	70	96	24
7	13	55	18	64	26	79	24	32	71	100	24
8	10	50	17	62	25	77	24	46	76	100	24
9	8	46	15	58	25	77	22	56	84	100	22
10	12	54	15	60	21	70	24	72	89	100	24
11	11	52	16	61	24	75	24	52	87	100	24
12	11	52	15	59	23	73	24	66	94	100	24
13	8	46	16	60	24	75	24	51	80	100	24
14	12	54	16	61	25	77	24	49	82	100	24
15	11	52	17	62	25	77	24	56	85	100	24
16	10	50	16	60	24	75	22	76	94	100	20
17	10	50	16	60	22	72	24	77	96	100	24
18	13	55	16	61	22	72	24	85	98	100	24
19	10	50	15	60	22	72	24	81	96	100	24
20	8	46	15	59	23	73	24	59	91	100	24
21	10	50	16	61	24	75	24	59	88	100	24
22	11	52	16	60	24	75	24	75	96	100	24
23	11	52	15	59	19	66	22	81	94	100	22
24	11	52	16	60	22	72	24	53	81	100	24
25	12	54	16	61	22	72	24	51	83	99	24
26	10	50	15	58	20	68	24	64	89	100	24
27	11	52	16	60	22	72	24	55	82	98	24
28	10	50	15	59	22	72	24	61	88	97	24
29	10	50	15	59	23	73	24	48	84	100	24
30	9	48	15	60	23	73	22	63	92	100	22
MONTH	8	46	16	60	26	79	692	32	87	100	688

MAUNA LOA 4200

MONTH = OCTOBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	11	52	15	59	22	72	24	57	88	100	24
2	10	50	14	58	20	68	24	55	84	98	24
3	10	50	15	58	22	72	24	61	93	100	24
4	10	50	15	60	24	75	24	38	83	99	24
5	11	52	14	57	18	64	24	79	95	100	24
6	11	52	13	56	17	63	10	89	95	99	8
7	7	45	11	51	17	63	14	65	92	100	14
8	5	41	8	46	12	54	24	87	98	100	24
9	4	39	8	46	15	59	24	57	91	100	24
10	5	41	8	46	12	54	24	93	99	100	24
11	4	39	8	47	14	57	24	81	97	100	24
12	7	45	9	48	14	57	24	100	100	100	24
13	4	39	8	47	15	59	24	74	97	100	24
14	4	39	10	51	18	64	22	76	98	100	22
15	9	48	12	54	19	66	24	82	98	100	24
16	7	45	11	51	15	59	24	96	100	100	24
17	4	39	11	52	21	70	24	33	89	100	24
18	7	45	12	53	18	64	24	85	98	100	24
19	5	41	11	51	19	66	24	59	91	100	24
20	7	45	12	53	19	66	24	71	94	100	24
21	7	45	12	53	20	68	20	71	94	100	18
22	10	50	13	56	20	68	24	66	86	100	24
23	9	48	13	55	19	66	24	71	90	100	24
24	9	48	12	54	18	64	24	65	87	100	24
25	9	48	13	55	20	68	24	64	88	100	24
26	9	48	13	55	19	66	24	65	87	100	24
27	11	52	13	55	15	59	24	100	100	100	24
28	11	52	13	55	17	63	24	84	97	100	24
29	9	48	12	54	16	61	24	83	96	100	24
30	9	48	12	54	18	64	24	76	93	100	24
31	8	46	13	55	18	64	24	74	92	100	24
MONTH	4	39	12	53	24	75	714	33	93	100	710

MAUNA LOA 4200

MONTH = NOVEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	7	45	11	51	16	61	24	73	97	100	24
2	7	45	11	51	16	61	24	85	98	100	24
3	6	43	11	52	18	64	24	64	89	100	24
4	4	39	12	54	20	68	24	66	91	100	22
5	9	48	13	55	20	68	24	66	90	100	24
6	11	52	14	57	19	66	24	61	90	100	24
7	9	48	13	55	20	68	24	83	95	100	24
8	10	50	12	54	16	61	24	86	98	100	24
9	10	50	12	54	15	59	24	100	100	100	24
10	10	50	13	55	17	63	24	78	95	100	24
11	11	52	13	55	18	64	20	70	91	100	18
12	7	45	10	51	15	59	24	76	95	100	24
13	5	41	9	48	17	63	24	72	95	100	24
14	5	41	9	49	16	61	24	68	95	100	24
15	5	41	10	50	13	55	24	83	98	100	24
16	5	41	10	50	15	59	24	96	100	100	24
17	8	46	12	53	19	66	24	70	95	100	24
18	11	52	13	55	14	57	24	100	100	100	22
19	12	54	15	58	20	68	24	71	97	100	24
20	13	55	15	59	22	72	24	72	96	100	24
21	10	50	15	58	21	70	24	76	97	100	24
22	9	48	13	56	18	64	24	99	100	100	24
23	10	50	15	59	21	70	24	90	99	100	24
24	12	54	16	60	20	68	24	62	95	100	24
25	10	50	15	59	20	68	22	68	94	100	20
26	8	46	14	57	21	70	24	56	89	100	24
27	10	50	14	57	23	73	24	50	88	100	24
28	9	48	14	57	21	70	24	60	86	99	24
29	8	46	14	57	23	73	24	39	75	100	24
30	9	48	14	57	22	72	24	57	74	99	24
MONTH	4	39	13	55	23	73	714	39	93	100	706

MAUNA LOA 4200

MONTH = DECEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	7	45	14	56	22	72	24	50	83	100	24
2	7	45	12	54	22	72	22	61	93	100	20
3	5	41	12	53	22	72	24	56	91	100	24
4	4	39	12	53	20	68	24	64	90	100	24
5	7	45	13	55	21	70	24	51	83	100	24
6	7	45	12	53	17	63	24	86	99	100	24
7	11	52	14	57	18	64	24	57	79	100	24
8	11	52	14	57	20	68	24	39	65	91	24
9	11	52	14	58	21	70	24	39	77	100	24
10	10	50	14	57	20	68	24	50	82	99	24
11	10	50	15	58	20	68	24	42	66	98	24
12	11	52	14	58	19	66	24	54	79	100	24
13	10	50	13	55	15	59	24	91	98	100	24
14	10	50	14	58	22	72	24	53	86	100	24
15	11	52	14	57	18	64	24	78	96	100	24
16	11	52	12	54	14	57	20	91	99	100	20
17	10	50	12	54	17	63	24	51	83	94	24
18	11	52	13	56	19	66	24	51	78	94	24
19	9	48	12	54	18	64	24	66	89	100	24
20	9	48	13	56	17	63	24	90	99	100	24
21	11	52	13	54	15	59	24	93	99	100	24
22	13	55	14	58	16	61	24	100	100	100	24
23	13	55	15	59	20	68	22	68	91	100	20
24	10	50	13	56	15	59	24	92	98	100	24
25	11	52	14	57	18	64	24	69	90	100	24
26	11	52	14	56	16	61	24	97	99	100	24
27	10	50	13	55	16	61	24	85	95	99	24
28	9	48	12	54	18	64	24	57	82	96	24
29	8	46	13	55	18	64	24	54	86	100	24
30	7	45	13	55	20	68	22	50	78	95	22
31	10	50	13	56	20	68	24	41	75	97	24
MONTH	4	39	13	56	22	72	734	39	87	100	730

MAUNA LOA 5400

MONTH = JANUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	11	53	15	59	24	93	98	100	24
2	6	43	11	52	18	64	24	77	94	100	24
3	8	46	13	54	17	63	24	85	97	100	24
4	8	46	12	53	15	59	24	97	98	99	24
5	9	48	12	53	15	59	24	97	99	100	24
6	8	46	12	54	16	61	24	91	96	100	24
7	8	46	12	53	18	64	22	42	75	98	24
8	7	45	13	56	22	72	24	56	86	100	24
9	9	48	13	55	18	64	24	51	87	97	24
10	11	52	12	54	14	57	24	95	96	97	24
11	10	50	12	53	14	57	24	89	96	97	24
12	8	46	12	54	20	68	24	37	73	96	24
13	8	46	14	57	21	70	24	32	65	95	24
14	9	48	13	56	21	70	22	33	63	93	24
15	9	48	14	57	22	72	24	44	78	99	24
16	8	46	14	57	20	68	24	50	86	100	24
17	9	48	14	57	20	68	24	65	91	100	24
18	7	45	12	53	16	61	24	74	93	100	24
19	4	39	11	53	20	68	24	59	84	100	24
20	7	45	11	53	18	64	24	68	92	100	24
21	6	43	10	51	17	63	22	65	90	100	22
22	6	43	11	52	17	63	24	53	75	91	24
23	8	46	11	51	15	59	24	68	92	100	24
24	8	46	10	51	14	57	24	79	95	100	24
25	7	45	11	51	16	61	24	62	88	100	24
26	6	43	11	51	17	63	24	58	85	99	24
27	5	41	11	51	19	66	24	57	82	100	24
28	6	43	9	49	16	61	20	59	87	99	20
29	6	43	11	51	18	64	24	65	90	100	24
30	5	41	11	51	17	63	24	68	92	100	24
31	5	41	10	50	15	59	24	78	93	100	24
MONTH	4	39	12	53	22	72	734	32	88	100	738

MAUNA LOA 5400

MONTH = FEBRUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	4	39	11	52	20	68	24	49	77	100	24
2	6	43	12	53	17	63	24	51	85	100	24
3	6	43	11	51	17	63	24	62	93	100	24
4	5	41	10	50	18	64	22	63	94	100	20
5	6	43	11	52	16	61	24	77	94	99	24
6	7	45	11	52	18	64	24	73	91	100	24
7	6	43	12	53	19	66	24	58	83	95	24
8	10	50	12	54	16	61	24	73	87	97	24
9	9	48	11	52	14	57	24	89	96	99	24
10	9	48	11	52	15	59	24	68	91	99	24
11	6	43	10	50	15	59	22	48	74	98	24
12	6	43	9	49	15	59	24	47	82	99	24
13	5	41	10	50	16	61	24	49	89	100	24
14	6	43	11	52	18	64	24	54	89	100	24
15	8	46	12	53	19	66	24	59	90	100	24
16	7	45	11	52	18	64	24	59	88	100	24
17	3	37	10	51	18	64	24	51	86	100	24
18	3	37	12	53	20	68	22	56	79	100	22
19	5	41	12	54	19	66	24	59	80	97	24
20	4	39	12	53	20	68	24	43	73	99	24
21	8	46	12	54	19	66	24	57	81	99	24
22	5	41	12	54	20	68	24	39	79	98	24
23	11	52	14	57	20	68	24	59	86	98	24
24	9	48	13	55	19	66	24	40	76	93	24
25	8	46	13	55	19	66	22	44	75	98	24
26	6	43	12	53	19	66	24	39	81	99	24
27	7	45	12	53	19	66	24	55	80	98	24
28	5	41	11	51	17	63	24	58	81	99	24
MONTH	3	37	11	53	20	68	664	39	84	100	666

MAUNA LOA 5400

MONTH = MARCH

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	3	37	10	50	17	63	24	52	84	99	24
2	5	41	10	50	16	61	24	73	95	100	24
3	6	43	11	51	14	57	24	69	93	99	24
4	7	45	10	49	14	57	20	74	94	99	18
5	8	46	10	50	15	59	24	74	95	100	24
6	7	45	10	50	11	52	24	98	100	100	24
7	5	41	9	48	13	55	24	80	91	97	24
8	7	45	10	50	14	57	24	85	97	100	24
9	3	37	10	50	16	61	24	70	90	100	24
10	2	36	10	49	16	61	24	60	86	100	24
11	2	36	9	48	15	59	20	54	92	99	20
12	6	43	12	53	17	63	24	69	92	100	24
13	9	48	10	51	13	55	24	93	98	100	24
14	9	48	12	53	16	61	24	81	95	100	24
15	7	45	10	50	14	57	24	84	96	100	24
16	4	39	11	51	17	63	24	68	92	100	24
17	5	41	10	51	17	63	24	76	92	99	24
18	8	46	11	51	16	61	24	64	83	97	22
19	7	45	12	54	19	66	24	49	81	100	24
20	6	43	12	53	18	64	24	73	91	100	24
21	7	45	11	52	16	61	24	83	96	100	24
22	6	43	12	54	18	64	24	77	95	100	24
23	7	45	14	56	20	68	24	54	87	100	24
24	10	50	13	54	15	59	24	93	97	100	24
25	8	46	12	53	15	59	22	82	95	100	22
26	10	50	12	54	15	59	24	95	97	98	24
27	4	39	10	49	13	55	24	90	96	98	24
28	2	36	9	49	18	64	24	67	85	97	24
29	5	41	13	55	20	68	24	34	58	89	24
30	5	41	13	56	20	68	24	24	47	96	24
31	7	45	13	56	20	68	24	32	57	96	24
MONTH	2	36	11	52	20	68	734	24	88	100	730

MAUNA LOA 5400

MONTH = APRIL

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	5	41	12	54	21	70	22	27	48	74	24
2	5	41	11	53	20	68	24	44	67	94	24
3	4	39	12	54	20	68	24	44	69	93	24
4	10	50	13	56	19	66	24	46	69	93	24
5	9	48	12	54	17	63	24	55	79	94	24
6	9	48	13	54	18	64	24	51	80	100	24
7	9	48	12	53	17	63	24	73	88	100	24
8	7	45	10	51	13	55	24	84	98	100	22
9	7	45	11	52	18	64	24	56	87	99	24
10	5	41	11	52	18	64	24	54	85	99	24
11	10	50	12	53	14	57	24	94	98	100	24
12	7	45	11	51	14	57	24	89	97	100	24
13	8	46	11	53	17	63	24	59	85	99	24
14	6	43	11	52	19	66	24	61	88	98	24
15	7	45	12	54	19	66	24	55	87	100	22
16	9	48	11	52	14	57	24	98	99	100	24
17	8	46	12	53	18	64	24	62	87	99	24
18	9	48	13	55	19	66	24	66	90	100	24
19	10	50	13	55	19	66	24	62	92	100	24
20	9	48	11	51	13	55	24	86	96	99	24
21	9	48	12	53	17	63	24	63	87	99	24
22	9	48	11	52	16	61	20	75	87	96	20
23	6	43	11	52	17	63	24	62	86	98	24
24	5	41	11	51	18	64	18	52	87	100	18
25							0				0
26							0				0
27							0				0
28							0				0
29	7	45	12	53	15	59	14	96	98	100	10
30	7	45	13	55	19	66	24	55	79	99	24
MONTH	4	39	12	53	21	70	602	27	85	100	596

MAUNA LOA 5400

MONTH = MAY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	13	55	18	64	24	67	77	89	24
2	5	41	12	53	20	68	24	49	82	100	24
3	4	39	11	51	16	61	24	79	93	100	24
4	8	46	13	55	19	66	24	65	88	100	24
5	7	45	13	55	20	68	24	49	84	100	24
6	6	43	12	54	20	68	18	46	73	98	18
7	8	46	13	55	18	64	24	45	76	100	24
8	10	50	14	57	20	68	24	28	66	90	24
9	10	50	15	58	21	70	24	28	70	100	24
10	10	50	12	53	14	57	24	85	95	100	24
11	7	45	11	52	19	66	24	48	87	98	24
12	6	43	11	51	16	61	24	71	92	99	24
13	8	46	13	55	19	66	24	79	94	100	22
14	11	52	12	54	15	59	22	94	98	100	22
15	8	46	11	52	16	61	24	90	97	99	24
16	8	46	13	56	18	64	24	85	93	100	24
17	10	50	14	57	21	70	24	67	92	98	24
18	11	52	13	56	19	66	24	71	91	98	24
19	10	50	14	58	21	70	24	62	83	94	24
20	9	48	14	57	20	68	24	67	83	92	8
21	9	48	15	58	20	68	24				0
22	10	50	14	56	19	66	24				0
23	7	45	13	55	19	66	24				0
24	7	45	13	55	20	68	24				0
25	10	50	14	56	19	66	24				0
26	9	48	13	55	18	64	24				0
27	9	48	12	54	17	63	22				0
28	8	46	13	56	18	64	24				0
29	7	45	14	56	21	70	24	61	90	98	16
30	7	45	13	56	19	66	24	68	91	99	24
31	8	46	13	56	19	66	24	68	94	99	24
MONTH	4	39	13	55	21	70	734	28	86	100	518

MAUNA LOA 5400

MONTH = JUNE

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	13	56	19	66	24	66	93	100	24
2	9	48	14	58	20	68	24	53	79	100	24
3	6	43	14	58	21	70	22	46	76	97	22
4	9	48	14	57	19	66	24	69	87	99	24
5	9	48	14	58	20	68	24	70	91	100	24
6	8	46	15	58	21	70	24	57	85	99	24
7	9	48	16	60	22	72	24	32	67	99	24
8	9	48	16	60	23	73	24	35	58	96	24
9	7	45	15	59	24	75	24	44	65	81	24
10	8	46	14	57	22	72	22	43	67	99	22
11	6	43	14	56	22	72	24	44	64	89	24
12	6	43	14	57	22	72	24	25	59	83	24
13	8	46	13	56	21	70	24	52	68	93	24
14	11	52	15	58	21	70	24	58	86	100	24
15	8	46	13	55	17	63	24	67	90	100	24
16	9	48	14	57	20	68	24	57	84	100	24
17	8	46	13	55	20	68	22	65	90	100	24
18	7	45	12	54	17	63	24	73	91	100	24
19	6	43	14	57	21	70	24	35	55	88	24
20	5	41	14	57	22	72	24	35	61	94	24
21	7	45	14	56	21	70	24	35	61	82	24
22	7	45	15	59	22	72	24	25	52	80	24
23	9	48	15	59	20	68	24	19	61	94	24
24	10	50	14	56	19	66	24	57	86	100	24
25	5	41	12	54	19	66	24	51	76	99	24
26	6	43	13	55	20	68	24	40	66	96	24
27	6	43	12	54	20	68	24	60	85	98	24
28	8	46	12	54	17	63	24	56	90	98	24
29	8	46	12	53	18	64	24	65	90	98	24
30	5	41	13	55	20	68	24	42	78	99	24
MONTH	5	41	14	57	24	75	714	19	75	100	716

MAUNA LOA 5400

MONTH = JULY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	15	59	22	72	22	53	86	100	22
2	11	52	15	59	20	68	24	66	89	100	24
3	11	52	16	62	24	75	24	52	76	98	24
4	13	55	19	66	26	79	24	23	44	72	24
5	13	55	17	62	21	70	24	35	77	94	24
6	11	52	16	60	21	70	24	53	78	100	24
7	11	52	16	60	23	73	24	51	82	100	24
8	10	50	15	59	21	70	24	50	75	100	24
9	10	50	11	52	14	57	8	29	57	86	24
10	9	48	13	56	20	68	10	40	65	93	24
11	9	48	17	63	23	73	16	34	57	87	24
12	7	45	15	60	23	73	24	25	57	100	24
13	9	48	15	59	22	72	24	46	73	100	24
14	6	43	14	58	22	72	24	51	72	95	24
15	9	48	15	59	22	72	24	46	69	83	24
16	7	45	14	56	21	70	24	56	83	100	24
17	7	45	12	54	18	64	24	69	89	100	24
18	9	48	14	57	20	68	24	61	85	100	24
19	7	45	14	58	23	73	24	54	77	100	24
20	7	45	12	53	16	61	24	78	96	100	24
21	7	45	14	57	21	70	24	58	83	100	24
22	9	48	14	57	20	68	22	68	84	100	20
23	10	50	15	59	21	70	24	45	79	98	24
24	10	50	16	60	22	72	24	38	63	95	24
25	10	50	16	61	25	77	24	43	69	94	24
26	11	52	17	62	23	73	24	55	77	99	24
27	8	46	16	61	25	77	24	36	77	96	24
28	7	45	15	58	23	73	24	44	73	98	24
29	5	41	12	54	20	68	24	49	82	100	22
30	6	43	13	56	21	70	24	44	69	100	24
31	7	45	15	60	24	75	24	30	62	88	24
MONTH	5	41	15	59	26	79	702	23	74	100	736

MAUNA LOA 5400

MONTH = AUGUST

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	12	54	16	61	22	72	24	42	67	100	24
2	12	54	17	62	24	75	24	25	44	72	24
3	13	55	18	65	25	77	24	19	30	51	24
4	3	37	14	57	22	72	24	23	71	100	24
5	8	46	13	56	21	70	24	49	77	99	24
6	7	45	13	55	20	68	24	49	83	100	24
7	9	48	12	53	19	66	24	65	92	100	24
8	7	45	11	52	17	63	24	63	88	100	24
9	8	46	13	55	17	63	24	61	89	100	24
10	7	45	15	58	23	73	24	47	68	98	24
11	9	48	15	58	21	70	24	78	90	100	24
12	11	52	18	64	26	79	24	11	34	96	24
13	10	50	17	62	24	75	24	23	62	100	24
14	6	43	13	55	20	68	24	42	84	100	24
15	7	45	13	56	20	68	24	64	92	100	24
16	7	45	14	57	22	72	24	44	72	99	24
17	5	41	15	58	23	73	24	44	71	100	24
18	8	46	15	59	23	73	24	51	73	100	24
19	8	46	14	57	24	75	22	50	76	97	24
20	8	46	16	60	24	75	24	26	69	98	24
21	7	45	15	58	22	72	24	27	66	97	24
22	8	46	14	58	24	75	24	51	79	100	24
23	8	46	16	61	25	77	24	32	50	70	24
24	12	54	13	55	13	55	6	29	60	98	24
25							0	27	66	100	24
26							0	55	80	98	24
27	11	52	13	55	15	59	12	50	85	100	24
28	6	43	12	53	20	68	24	23	74	100	24
29	6	43	7	45	9	48	6	16	56	96	24
30							0	44	72	93	24
31							0	51	77	100	24
MONTH	3	37	14	58	26	79	598	11	71	100	744

MAUNA LOA 5400

MONTH = SEPTEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->						<----- HUMIDITY ----->				
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1							0	56	86	99	24
2	11	52	15	59	20	68	14	70	94	100	16
3	8	46	14	57	20	68	24	64	92	99	24
4	7	45	14	56	20	68	24	64	87	99	24
5	6	43	13	55	23	73	24	46	73	95	24
6	7	45	15	58	23	73	24	38	66	85	24
7	9	48	16	61	24	75	24	34	64	95	24
8	7	45	15	58	22	72	24	44	73	97	24
9	6	43	12	54	21	70	22	43	78	98	22
10	6	43	13	56	21	70	24	54	76	98	24
11	5	41	12	54	21	70	24	54	85	100	24
12	6	43	12	54	23	73	24	54	85	99	24
13	7	45	13	56	23	73	24	29	66	99	24
14	6	43	13	56	23	73	24	44	70	100	24
15	5	41	14	57	23	73	24	51	78	98	24
16	7	45	13	55	21	70	22	61	89	100	20
17	6	43	14	57	20	68	24	55	85	100	24
18	8	46	13	56	19	66	24	60	90	100	20
19	6	43	14	56	23	73	24	45	77	99	24
20	5	41	14	56	22	72	24	49	76	99	24
21	6	43	14	57	22	72	24	47	77	100	24
22	7	45	14	57	23	73	24	53	88	98	24
23	8	46	12	54	17	63	22	82	91	100	20
24	8	46	15	58	24	75	24	31	72	98	24
25	8	46	14	57	21	70	24	51	81	99	24
26	5	41	13	54	20	68	24	61	85	99	24
27	3	37	11	52	20	68	24	61	86	99	24
28	5	41	13	54	21	70	24	40	77	98	24
29	3	37	12	53	22	72	24	51	79	100	24
30	4	39	12	53	20	68	22	64	93	100	20
MONTH	3	37	13	56	24	75	678	29	80	100	694

MAUNA LOA 5400

MONTH = OCTOBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	4	39	12	53	20	68	24	60	89	99	24
2	6	43	12	54	19	66	24	55	87	99	24
3	7	45	12	53	18	64	24	72	94	100	24
4	4	39	12	54	21	70	24	46	85	99	24
5	8	46	11	52	15	59	24	71	93	98	24
6	8	46	13	55	18	64	24	52	82	98	24
7	8	46	13	55	21	70	22	53	82	100	22
8	9	48	12	54	19	66	24	50	84	99	24
9	8	46	12	53	19	66	24	45	83	100	24
10	8	46	12	53	16	61	24	72	95	100	24
11	6	43	12	54	19	66	24	72	95	100	24
12	11	52	13	55	16	61	24	88	97	100	16
13	7	45	12	53	16	61	24				0
14	6	43	13	55	18	64	24				0
15	9	48	14	57	20	68	24	67	92	100	20
16	8	46	12	53	17	63	24	84	97	100	24
17	4	39	12	53	22	72	24	33	81	100	24
18	7	45	13	56	21	70	24	69	91	100	24
19	8	46	13	55	21	70	24	59	85	99	24
20	7	45	12	54	21	70	24	58	92	100	24
21	7	45	13	54	21	70	20	70	84	100	16
22	10	50	17	62	24	75	24	44	60	100	24
23	8	46	14	57	22	72	24	50	77	100	24
24	8	46	13	55	20	68	24	50	78	99	24
25	7	45	15	58	23	73	24	40	60	80	20
26	10	50	16	60	23	73	24				0
27	13	55	14	58	17	63	24	100	100	100	24
28	11	52	13	56	19	66	22	58	86	100	22
29	9	48	13	55	17	63	24	63	85	99	24
30	10	50	13	55	19	66	24	45	73	100	24
31	8	46	14	57	20	68	24	54	77	99	24
MONTH	4	39	13	55	24	75	736	33	85	100	644

MAUNA LOA 5400

MONTH = NOVEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->						<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM
	C	F	C	F	C	F		(% SATURATION)		
1	5	41	11	52	17	63	24	65	90	99
2	5	41	11	51	17	63	24	62	90	100
3	5	41	11	52	18	64	24	51	75	99
4	4	39	10	51	21	70	22	49	70	91
5	4	39	12	53	18	64	24	57	80	97
6	10	50	13	55	18	64	24	59	77	96
7	8	46	12	53	17	63	24	41	77	98
8	6	43	11	52	16	61	24	58	82	100
9	9	48	11	53	14	57	24	95	98	100
10	9	48	12	54	17	63	24	40	80	100
11	10	50	11	53	15	59	20	62	81	100
12	6	43	10	49	15	59	24	64	89	100
13	4	39	9	48	17	63	24	49	86	100
14	3	37	9	48	15	59	24	60	90	100
15	3	37	9	49	14	57	24	65	90	100
16	5	41	10	50	15	59	24	68	92	100
17	6	43	11	51	18	64	24	64	90	100
18	10	50	12	53	13	55	24	98	99	100
19	11	52	13	56	17	63	24	72	92	100
20	11	52	14	57	19	66	24	63	91	99
21	8	46	12	54	18	64	24	64	93	100
22	8	46	12	53	18	64	24	82	93	100
23	8	46	13	56	20	68	24	71	92	98
24	11	52	14	57	20	68	24	63	86	98
25	10	50	14	57	19	66	24	34	79	96
26	7	45	13	55	20	68	24	52	81	97
27	7	45	12	54	20	68	24	50	79	100
28	7	45	14	56	20	68	24	42	64	85
29	9	48	14	57	21	70	24	28	51	93
30	8	46	13	56	21	70	24	38	52	88
MONTH	3	37	12	53	21	70	714	28	83	100

MAUNA LOA 5400

MONTH = DECEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	7	45	13	55	20	68	24	46	65	92	24
2	5	41	12	53	20	68	22	62	80	95	16
3	5	41	13	55	21	70	24	40	67	95	24
4	7	45	13	54	20	68	24	43	72	96	18
5	6	43	13	55	21	70	24	25	73	99	24
6	6	43	12	53	18	64	24	75	93	98	24
7	10	50	14	57	18	64	24	40	64	90	24
8	12	54	15	58	20	68	24	35	52	83	24
9	10	50	14	57	21	70	24	23	68	99	22
10	9	48	13	56	19	66	24	38	69	93	24
11	10	50	14	57	20	68	24	29	55	84	24
12	10	50	14	56	18	64	24	58	75	97	24
13	9	48	11	53	14	57	24	84	92	99	24
14	8	46	13	55	19	66	24	58	83	98	24
15	9	48	12	54	16	61	24	75	93	100	24
16	9	48	11	51	14	57	20	87	96	100	18
17	9	48	11	52	16	61	24	49	74	84	24
18	8	46	12	53	17	63	24	35	71	89	24
19	6	43	11	51	17	63	24	60	86	99	24
20	7	45	12	53	16	61	24	88	96	100	24
21	10	50	11	52	14	57	24	55	91	100	24
22	12	54	13	56	15	59	24	97	98	99	24
23	9	48	13	55	17	63	22	70	91	99	20
24	8	46	11	52	13	55	24	56	92	99	24
25	8	46	12	53	16	61	24	67	88	100	24
26	10	50	12	53	15	59	24	88	96	100	24
27	8	46	11	52	15	59	24	47	85	98	24
28	5	41	10	50	16	61	24	49	75	95	24
29	4	39	10	50	17	63	24	45	68	100	24
30	3	37	9	48	18	64	22	48	66	89	22
31	8	46	11	53	18	64	24	43	71	92	24
MONTH	3	37	12	54	21	70	734	23	79	100	716

MAUNA LOA 6600

MONTH = JANUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	8	46	10	50	14	57	24	93	97	100	24
2	6	43	10	51	16	61	24	72	88	98	24
3	7	45	12	53	17	63	24	71	91	97	24
4	7	45	11	51	13	55	24	90	95	97	24
5	8	46	10	51	14	57	24	88	96	97	24
6	5	41	10	50	15	59	24	68	89	97	24
7	7	45	12	53	16	61	24	39	64	95	24
8	7	45	13	55	20	68	24	49	85	96	24
9	9	48	12	54	17	63	24	55	86	100	24
10	10	50	11	52	13	55	24	99	100	100	24
11	8	46	11	52	16	61	24	66	93	100	24
12	8	46	11	53	18	64	24	47	68	97	24
13	8	46	13	55	19	66	24	30	58	93	24
14	10	50	13	56	19	66	22	28	68	99	22
15	9	48	13	55	19	66	24	62	89	100	24
16	9	48	13	55	19	66	24	69	95	100	24
17	8	46	12	54	18	64	24	72	96	100	24
18	8	46	11	53	17	63	24	76	94	100	24
19	6	43	11	51	17	63	24	60	76	100	24
20	5	41	9	49	16	61	24	93	99	100	24
21	1	34	6	42	10	50	24	72	88	100	22
22	0	32	5	41	11	52	24	50	70	86	24
23	1	34	5	40	10	50	24	62	89	99	24
24	1	34	5	41	9	48	24	65	86	100	24
25	0	32	5	42	11	52	24	51	81	98	24
26	0	32	4	40	10	50	24	62	84	96	24
27	0	32	5	40	10	50	24	51	74	94	24
28	0	32	4	38	9	48	20	54	84	99	20
29	1	34	5	41	10	50	24	70	90	99	24
30	1	34	5	41	9	48	24	74	93	100	24
31	0	32	5	40	10	50	24	64	87	99	24
MONTH	0	32	9	48	20	68	738	28	86	100	736

MAUNA LOA 6600

MONTH = FEBRUARY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	0	32	6	42	13	55	24	55	71	91	24
2	1	34	6	43	11	52	24	52	87	99	24
3	1	34	5	41	10	50	24	75	92	99	24
4	0	32	4	40	10	50	22	89	95	99	18
5	1	34	5	40	9	48	24	74	93	99	24
6	0	32	5	41	10	50	24	71	91	99	24
7	0	32	6	42	13	55	24	59	80	94	24
8	3	37	5	42	9	48	24	72	88	95	24
9	2	36	5	40	7	45	24	87	95	98	24
10	2	36	4	40	8	46	24	70	87	99	24
11	-1	30	2	36	6	43	24	40	80	100	24
12	-3	27	1	34	8	46	24	46	75	100	24
13	-3	27	1	34	7	45	24	74	94	100	24
14	-3	27	2	36	7	45	24	72	95	100	24
15	-2	28	3	37	10	50	24	60	89	100	24
16	-4	25	3	37	9	48	24	30	77	100	24
17	-6	21	2	36	11	52	24	29	60	96	24
18	-3	27	4	38	11	52	24	29	30	32	6
19	-5	23	1	34	8	46	24				0
20	-5	23	2	35	8	46	24				0
21	-3	27	1	34	7	45	24				0
22	-5	23	2	36	9	48	24				0
23	0	32	3	37	8	46	24				0
24	-3	27	2	36	8	46	24				0
25	-3	27	2	36	8	46	24				0
26	-5	23	1	34	8	46	24				0
27	-3	27	2	35	8	46	24				0
28	-4	25	1	34	6	43	24				0
MONTH	-6	21	3	37	13	55	670	29	84	100	408

MAUNA LOA 6600

MONTH = MARCH

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	-6	21	-0	32	5	41	24				0
2	-5	23	-0	31	4	39	24				0
3	-4	25	0	32	4	39	24				0
4	-4	25	5	41	13	55	24	79	97	100	16
5	7	45	9	47	12	54	24	93	99	100	24
6	4	39	8	46	10	50	24	84	99	100	24
7	5	41	8	46	12	54	24	84	96	100	24
8	7	45	10	50	15	59	24	81	97	100	24
9	2	36	8	46	14	57	24	39	81	100	24
10	1	34	8	47	15	59	24	44	69	94	24
11	3	37	8	46	14	57	22	22	77	100	22
12	3	37	9	47	13	55	24	69	91	100	24
13	6	43	8	46	10	50	24	90	97	100	24
14	6	43	8	47	11	52	24	77	93	99	24
15	4	39	7	44	10	50	24	81	93	95	24
16	2	36	7	44	13	55	24	59	83	94	24
17	3	37	8	45	13	55	24	59	75	93	24
18	5	41	9	48	13	55	24	78	83	88	8
19	6	43	11	51	16	61	24				0
20	5	41	10	50	14	57	24	75	91	99	24
21	8	46	11	51	15	59	24	71	88	98	24
22	8	46	13	54	18	64	24	56	83	98	24
23	8	46	12	54	18	64	24	49	78	92	24
24	9	48	12	54	16	61	24	74	89	92	24
25	8	46	11	53	15	59	24	90	91	91	8
26	7	45	11	52	14	57	24				0
27	4	39	9	48	14	57	24				0
28	3	37	12	53	17	63	16				0
29							0				0
30							0				0
31							0				0
MONTH	-6	21	8	47	18	64	662	22	88	100	462

MAUNA LOA 6600

MONTH = APRIL

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	3	37	11	51	15	59	14	48	53	58	10
2	1	34	7	45	14	57	24	38	51	75	24
3	1	34	8	46	15	59	24	37	58	84	24
4	4	39	9	48	15	59	24	39	58	82	24
5	4	39	8	46	12	54	24	43	72	100	24
6	4	39	8	46	13	55	24	53	80	94	24
7	5	41	7	45	11	52	24	60	83	93	24
8	1	34	6	42	8	46	24	79	96	100	24
9	1	34	6	42	12	54	24	61	87	99	24
10	-1	30	6	42	10	50	24	66	84	95	24
11	5	41	6	43	8	46	24	96	96	96	24
12	3	37	6	42	8	46	24	89	94	96	24
13	3	37	7	44	12	54	24	64	80	95	24
14	1	34	6	42	12	54	24	65	82	92	24
15	3	37	10	50	18	64	22	60	82	97	24
16	8	46	11	51	14	57	24	97	99	100	24
17	7	45	11	52	16	61	24	59	85	99	24
18	8	46	12	53	16	61	24	70	89	98	24
19	9	48	12	53	16	61	24	67	85	99	24
20	9	48	10	51	13	55	24	75	91	97	24
21	9	48	11	52	16	61	24	49	81	95	24
22	7	45	11	51	18	64	24	73	84	93	24
23	6	43	10	49	16	61	24	55	76	99	24
24	5	41	9	48	13	55	24	58	88	100	24
25	4	39	10	50	16	61	24	55	80	99	24
26	4	39	10	50	17	63	24	32	64	94	24
27	6	43	11	51	16	61	24	48	75	95	24
28	6	43	10	50	15	59	24	41	77	96	24
29	6	43	9	48	13	55	22	43	54	67	8
30	6	43	11	52	17	63	24				0
MONTH	-1	30	9	48	18	64	706	32	80	100	666

MAUNA LOA 6600

MONTH = MAY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	8	46	13	55	18	64	24				0
2	4	39	11	52	19	66	24				0
3	3	37	10	50	15	59	24				0
4	7	45	12	53	17	63	24				0
5	6	43	12	53	17	63	24				0
6	6	43	13	55	19	66	18	24	46	73	14
7	8	46	13	54	19	66	24	31	62	96	24
8	9	48	14	57	20	68	24	30	56	96	24
9	10	50	15	58	21	70	24	20	62	100	24
10	9	48	11	52	13	55	24	86	95	100	24
11	7	45	10	51	16	61	24	63	92	100	24
12	5	41	10	50	15	59	24	68	93	100	24
13	7	45	11	52	15	59	22	90	97	99	22
14	10	50	12	53	13	55	24	94	99	100	24
15	8	46	11	51	14	57	24	92	98	100	24
16	7	45	11	52	15	59	24	88	98	100	24
17	9	48	12	54	17	63	24	86	96	100	22
18	9	48	12	54	17	63	24	77	93	100	22
19	8	46	12	54	18	64	24	85	95	99	18
20	7	45	12	54	17	63	24	59	81	99	22
21	6	43	12	54	19	66	24	33	80	99	22
22	5	41	11	52	17	63	24	60	84	100	24
23	5	41	11	52	19	66	24				0
24	5	41	11	51	16	61	24				0
25	7	45	11	52	16	61	24				0
26	9	48	11	52	15	59	24				0
27	6	43	11	51	15	59	24	84	97	100	22
28	6	43	11	52	15	59	24	84	94	100	24
29	6	43	12	53	16	61	24	69	87	100	24
30	7	45	12	53	16	61	24	62	92	100	24
31	7	45	12	53	16	61	24	87	97	100	24
MONTH	3	37	12	53	21	70	736	20	87	100	500

MAUNA LOA 6600

MONTH = JUNE

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	8	46	11	52	15	59	24	88	98	100	24
2	8	46	13	55	18	64	24	73	90	100	16
3	5	41	12	53	18	64	24	49	73	93	22
4	7	45	12	54	17	63	24	65	84	99	24
5	7	45	13	54	18	64	24	64	88	99	24
6	7	45	13	55	18	64	24	51	77	98	24
7	7	45	14	58	21	70	14	31	54	99	24
8							0	18	37	66	24
9							0	26	50	72	24
10	8	46	15	58	21	70	14	23	47	72	22
11	8	46	14	56	20	68	24	26	48	82	24
12	9	48	14	57	19	66	24	28	41	72	18
13	10	50	13	56	19	66	24	31	58	99	24
14	10	50	13	56	19	66	24	52	78	100	24
15	5	41	11	51	14	57	24	82	92	100	24
16	5	41	11	51	16	61	24	64	84	99	24
17	7	45	11	51	16	61	22	63	87	96	20
18	8	46	11	51	14	57	24	47	84	99	24
19	7	45	13	55	18	64	24	36	47	60	24
20	6	43	13	56	21	70	22	17	34	72	24
21	7	45	14	57	21	70	24	25	31	42	24
22	7	45	15	58	22	72	24	22	28	45	24
23	9	48	15	59	22	72	24	21	40	85	24
24	8	46	13	55	19	66	24	39	75	99	24
25	5	41	11	53	19	66	24	27	60	95	24
26	4	39	12	53	19	66	24	29	60	96	24
27	6	43	10	50	15	59	24	44	84	99	24
28	6	43	10	50	14	57	24	77	93	99	24
29	6	43	10	50	15	59	24	77	92	98	24
30	7	45	11	52	18	64	24	40	67	92	24
MONTH	4	39	12	54	22	72	648	17	66	100	698

MAUNA LOA 6600

MONTH = JULY

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	7	45	11	52	19	66	22	54	77	100	24
2	8	46	14	57	21	70	24	24	59	99	24
3	10	50	15	59	21	70	24	41	58	74	24
4	11	52	16	61	22	72	24	35	44	61	24
5	13	55	17	63	24	75	24	25	43	89	24
6	6	43	13	55	19	66	24	46	80	100	22
7	8	46	13	56	20	68	24	46	84	100	24
8	5	41	12	53	17	63	24	49	69	91	24
9	7	45	13	56	21	70	24	29	48	68	24
10	5	41	12	53	18	64	24	49	61	72	24
11	5	41	13	55	19	66	24	27	49	89	24
12	5	41	13	55	20	68	24	28	48	94	24
13	6	43	12	54	20	68	24	31	64	98	14
14	5	41	12	53	20	68	24	38	68	94	16
15	6	43	12	54	19	66	24	44	61	77	22
16	5	41	11	51	16	61	24	49	71	93	24
17	5	41	9	49	15	59	24	67	87	99	24
18	5	41	10	50	14	57	24	55	81	95	24
19	4	39	11	51	18	64	24	39	72	99	24
20	3	37	8	47	12	54	24	61	91	99	24
21	4	39	10	50	17	63	24	59	81	97	24
22	8	46	11	51	15	59	22	79	90	100	20
23	9	48	14	56	20	68	24	48	77	97	24
24	8	46	14	57	21	70	24	36	65	88	16
25	7	45	13	55	20	68	24	45	72	93	24
26	9	48	14	58	20	68	24	53	77	100	24
27	7	45	13	56	20	68	24	48	73	94	24
28	7	45	12	54	19	66	24	31	64	97	24
29	7	45	11	52	16	61	24	51	67	95	24
30	6	43	13	55	21	70	24	38	51	62	24
31	7	45	14	56	22	72	24	38	59	78	24
MONTH	3	37	12	54	24	75	740	24	67	100	710

MAUNA LOA 6600

MONTH = AUGUST

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	10	50	14	58	20	68	24	32	57	96	24
2	11	52	16	61	22	72	24	30	38	62	24
3	12	54	17	63	23	73	24	23	29	44	24
4	7	45	15	59	20	68	24	23	52	97	22
5	5	41	11	52	18	64	24	39	60	87	24
6	7	45	11	52	19	66	24	45	80	99	24
7	8	46	11	51	17	63	24	54	89	100	24
8	5	41	10	50	15	59	24	58	87	100	24
9	8	46	12	53	16	61	24	45	83	99	24
10	9	48	15	59	22	72	24	21	49	69	20
11	8	46	13	56	18	64	24	68	85	93	24
12	10	50	16	60	23	73	24	15	40	93	22
13	9	48	15	59	23	73	24	24	57	99	24
14	6	43	11	51	18	64	24	44	72	95	24
15	6	43	12	53	18	64	24	61	85	97	24
16	7	45	13	55	20	68	24	36	64	93	24
17	6	43	13	56	20	68	24	35	66	98	24
18	7	45	12	54	19	66	24	57	76	100	24
19	7	45	12	53	22	72	24	39	70	98	24
20	8	46	14	57	23	73	24	25	52	78	24
21	6	43	12	53	20	68	24	27	63	93	24
22	6	43	12	53	20	68	24	50	72	99	24
23	8	46	13	56	20	68	24	32	50	63	24
24	8	46	14	57	21	70	24	27	56	93	24
25	7	45	12	53	19	66	24	33	54	93	24
26	5	41	10	50	16	61	22	40	70	98	22
27	5	41	11	51	15	59	24	51	82	99	24
28	4	39	10	50	16	61	24	23	74	99	24
29	5	41	12	54	20	68	24	15	50	91	24
30	9	48	14	58	21	70	24	42	70	91	24
31	6	43	13	55	20	68	24	33	71	96	24
MONTH	4	39	13	55	23	73	742	15	65	100	734

MAUNA LOA 6600

MONTH = SEPTEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	8	46	11	52	15	59	24	41	87	100	24
2	6	43	10	50	14	57	24	88	96	100	20
3	7	45	11	51	14	57	24	80	93	100	24
4	5	41	10	51	16	61	24	65	86	100	24
5	4	39	10	51	18	64	24	46	69	96	24
6	5	41	12	54	19	66	24	39	64	87	24
7	8	46	13	56	20	68	24	30	55	97	24
8	7	45	11	52	18	64	24	40	75	100	24
9	5	41	11	51	18	64	22	49	68	89	20
10	6	43	13	54	21	70	24	52	66	83	24
11	7	45	11	52	17	63	24	53	74	98	24
12	6	43	6	43	6	43	4	82	83	84	4
13							0				0
14							0				0
15							0				0
16	8	46	13	55	18	64	14	69	83	94	14
17	8	46	13	56	18	64	24	53	81	96	24
18	8	46	12	54	16	61	24	64	82	91	24
19	11	52	15	58	21	70	24	43	62	89	24
20	10	50	14	57	19	66	24	38	62	90	24
21	7	45	13	56	19	66	24	35	68	94	24
22	9	48	14	57	20	68	24	50	81	95	24
23	9	48	11	51	15	59	8	51	81	96	22
24							0	26	39	90	24
25	8	46	14	57	20	68	22	50	74	93	24
26	6	43	12	54	19	66	24	60	78	99	24
27	7	45	13	55	20	68	24	28	61	94	24
28	7	45	14	58	20	68	18	31	61	92	24
29	7	45	16	60	23	73	16	26	48	90	24
30	6	43	12	53	19	66	22	32	73	100	22
MONTH	4	39	12	54	23	73	558	26	71	100	606

MAUNA LOA 6600

MONTH = OCTOBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	7	45	15	58	21	70	20	28	69	99	24
2	6	43	11	52	18	64	24	57	78	99	24
3	8	46	13	55	18	64	20	39	80	99	24
4	7	45	14	57	19	66	20	34	63	96	24
5	8	46	12	53	17	63	24	69	90	98	24
6	8	46	12	54	16	61	24	66	85	98	24
7	8	46	12	54	20	68	20	57	77	90	20
8	8	46	13	55	19	66	24	47	79	97	24
9	8	46	11	52	17	63	20	50	77	95	24
10	7	45	11	51	15	59	24	71	95	100	24
11	6	43	11	52	15	59	24	68	94	100	24
12	11	52	12	54	14	57	24	98	100	100	24
13	7	45	11	53	15	59	24	85	94	99	24
14	6	43	12	54	17	63	22	77	90	98	22
15	9	48	14	58	18	64	18	65	80	98	24
16	7	45	12	53	16	61	22	67	90	98	24
17	4	39	11	52	19	66	24	31	68	92	24
18	7	45	13	55	17	63	18	66	83	98	24
19							0	58	83	96	24
20							0	67	90	100	18
21							0	64	78	92	14
22	14	57	17	63	21	70	18	36	41	55	24
23	13	55	18	65	23	73	18	29	54	97	24
24	11	52	16	61	23	73	24	21	44	92	24
25	9	48	16	61	22	72	24	23	36	67	22
26	11	52	16	60	21	70	24	27	55	100	24
27							0	95	98	100	24
28	13	55	15	59	16	61	16	72	85	100	20
29	12	54	14	57	17	63	24	65	88	100	24
30	11	52	14	56	17	63	24	34	69	100	24
31	10	50	15	59	19	66	24	44	72	100	24
MONTH	4	39	13	56	23	73	592	21	77	100	716

MAUNA LOA 6600

MONTH = NOVEMBER

YEAR = 1974

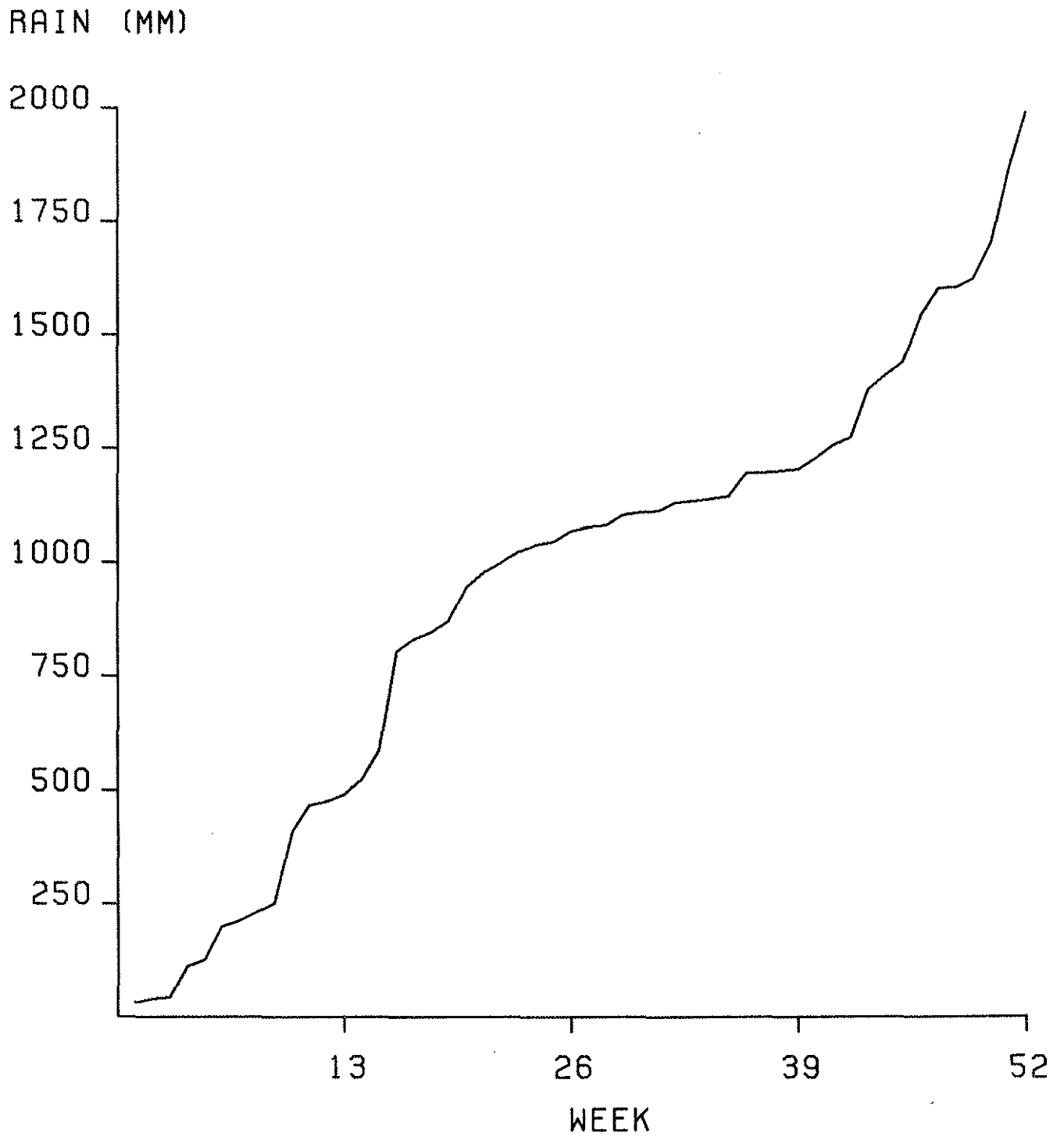
DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	9	48	14	56	17	63	24	61	84	100	24
2	9	48	14	58	20	68	12	44	85	100	24
3	6	43	13	56	20	68	24	33	56	92	24
4	11	52	16	60	22	72	12	39	59	100	22
5	8	46	14	57	18	64	24	34	72	100	24
6	9	48	13	54	16	61	24	34	73	100	24
7							0	60	77	95	12
8							0				0
9							0				0
10							0				0
11	9	48	12	54	18	64	12	42	80	100	12
12	7	45	12	53	16	61	24	88	98	100	18
13	6	43	11	52	15	59	24	97	100	100	12
14	6	43	11	51	15	59	24	85	98	100	20
15	6	43	8	47	10	50	24	84	98	100	24
16	6	43	11	52	14	57	24	84	96	100	24
17	9	48	11	52	13	55	10	71	90	100	10
18	11	52	12	53	12	54	14				0
19	8	46	11	53	14	57	24				0
20	9	48	12	54	19	66	24				0
21	7	45	11	52	16	61	24				0
22	7	45	12	53	17	63	24				0
23	7	45	12	53	17	63	24				0
24	10	50	13	56	17	63	24				0
25	10	50	13	56	18	64	24	39	65	94	16
26	8	46	12	54	18	64	24	45	81	100	24
27	7	45	13	55	19	66	24	40	73	100	24
28	9	48	13	56	20	68	24	37	65	97	24
29	10	50	14	58	22	72	24	26	46	90	24
30	8	46	13	56	20	68	24	24	52	97	24
MONTH	6	43	12	54	22	72	564	24	76	100	410

MAUNA LOA 6600

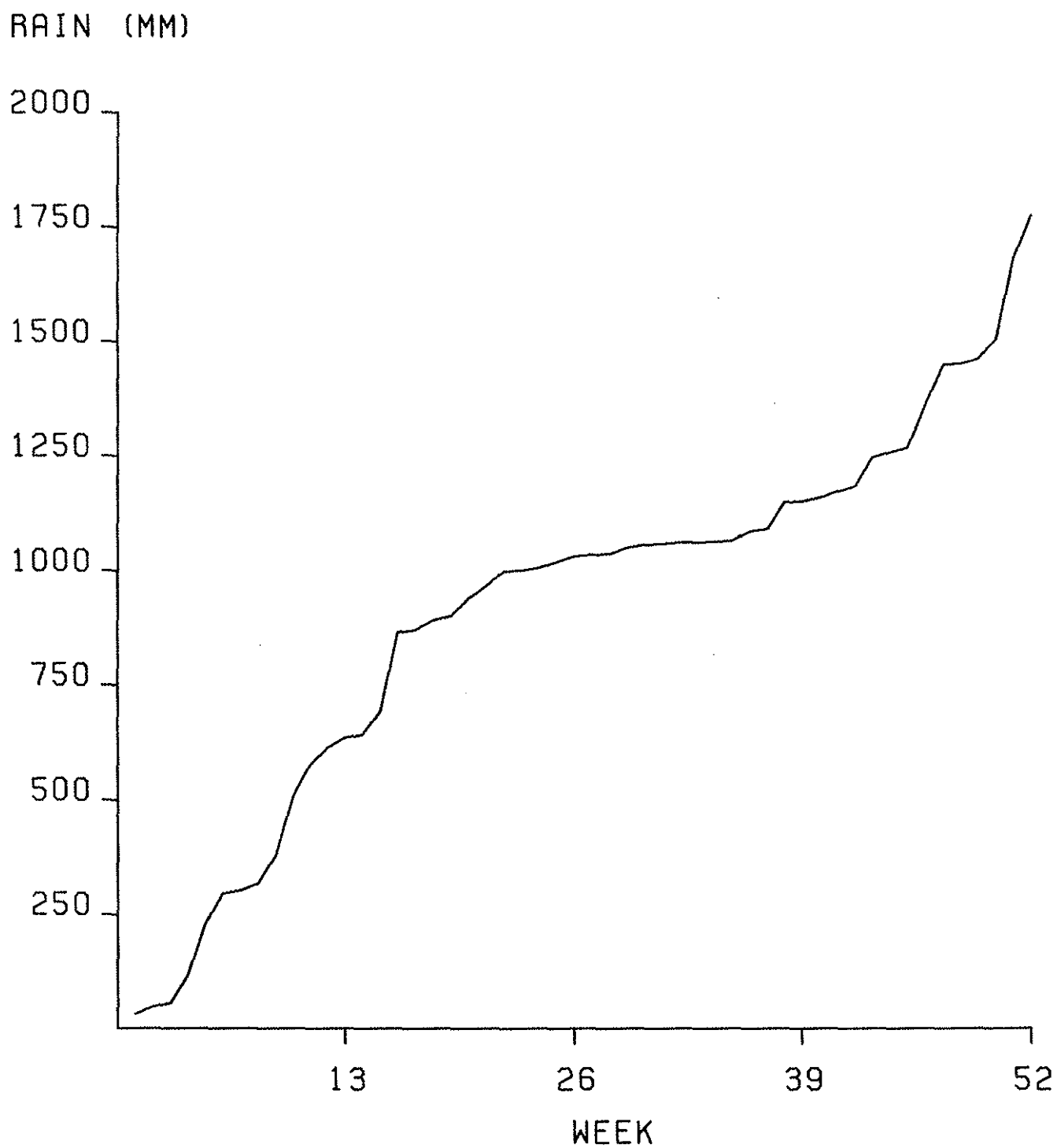
MONTH = DECEMBER

YEAR = 1974

DAY	<----- TEMPERATURE ----->							<----- HUMIDITY ----->			
	MINIMUM		MEAN		MAXIMUM		HRS	MINIMUM	MEAN	MAXIMUM	HRS
	C	F	C	F	C	F		(% SATURATION)			
1	8	46	13	54	19	66	24	35	63	100	24
2	7	45	11	52	18	64	22	37	62	100	22
3	7	45	11	53	19	66	24	26	53	95	24
4	6	43	12	53	18	64	24	31	67	99	24
5	6	43	11	51	17	63	24	33	76	100	24
6	6	43	10	51	16	61	24	72	88	100	24
7	9	48	12	53	15	59	24	35	65	94	24
8	9	48	13	55	17	63	24	31	50	87	16
9	8	46	12	53	19	66	22	21	62	97	24
10	7	45	12	53	18	64	24	27	53	85	24
11	7	45	12	54	18	64	24	21	43	85	24
12	8	46	11	52	16	61	24	46	73	100	24
13	5	41	9	49	13	55	24	61	83	100	24
14	5	41	11	52	17	63	24	30	68	98	24
15	7	45	10	51	15	59	24	65	90	99	24
16	5	41	8	47	11	52	20	71	94	99	20
17	5	41	8	47	13	55	24	46	69	90	24
18	6	43	9	49	15	59	24	23	60	90	24
19	3	37	8	47	15	59	24	59	79	99	24
20	5	41	9	49	12	54	24	71	92	100	24
21	7	45	8	47	11	52	24	50	92	100	24
22	10	50	11	51	11	52	24	99	100	100	24
23	5	41	10	50	15	59	22	79	91	100	20
24	5	41	9	48	11	52	24	40	89	100	24
25	6	43	10	49	14	57	24	48	82	100	24
26	7	45	9	49	13	55	24	84	95	100	24
27	6	43	9	48	13	55	24	32	71	97	24
28	4	39	9	48	16	61	24	23	48	73	24
29	4	39	10	49	16	61	24	25	52	99	24
30	3	37	11	51	22	72	22	24	28	29	8
31	6	43	11	52	17	63	24				0
MONTH	3	37	10	50	22	72	732	21	72	100	686

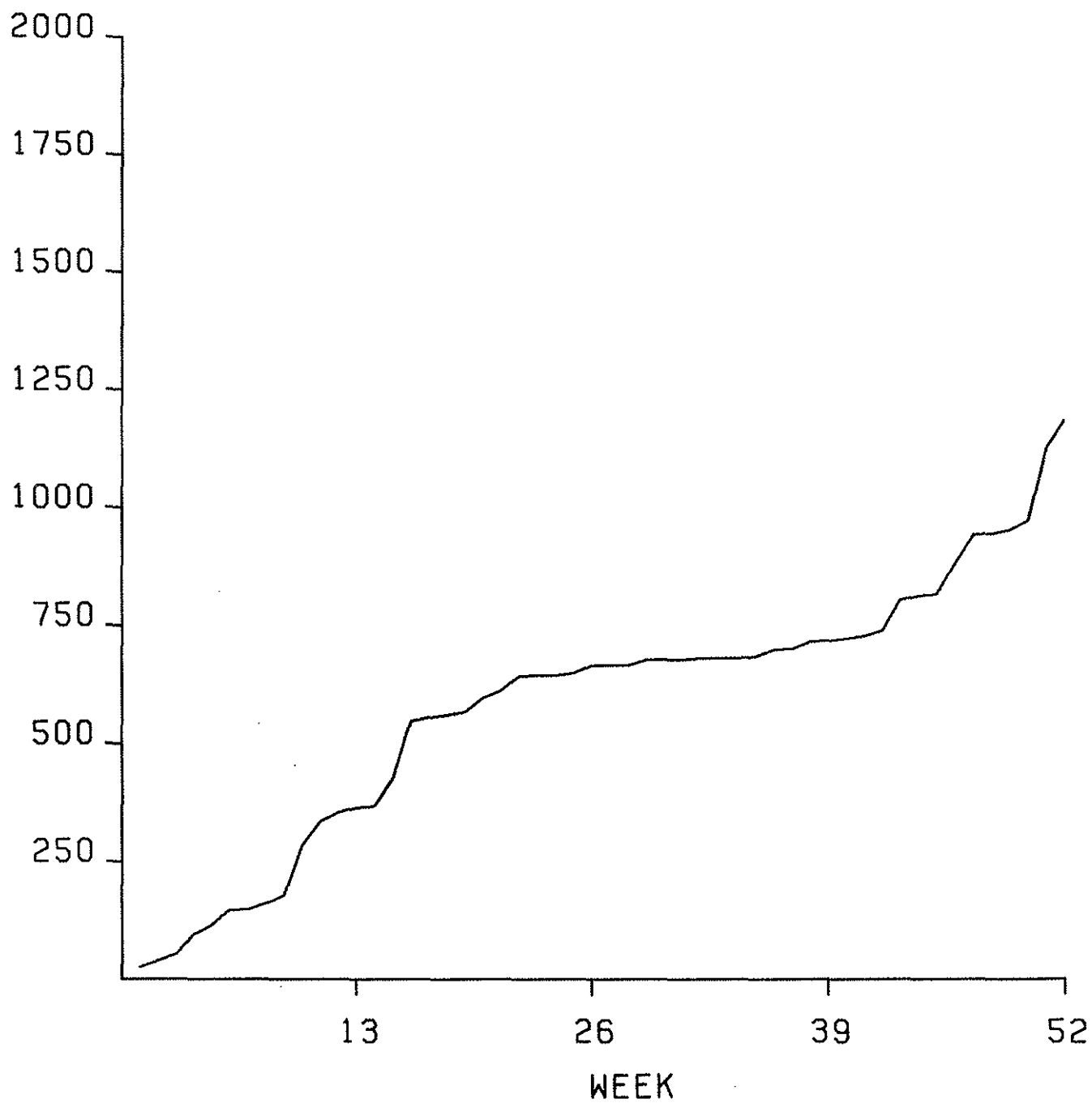


CUMULATIVE RAIN, 1974, K54



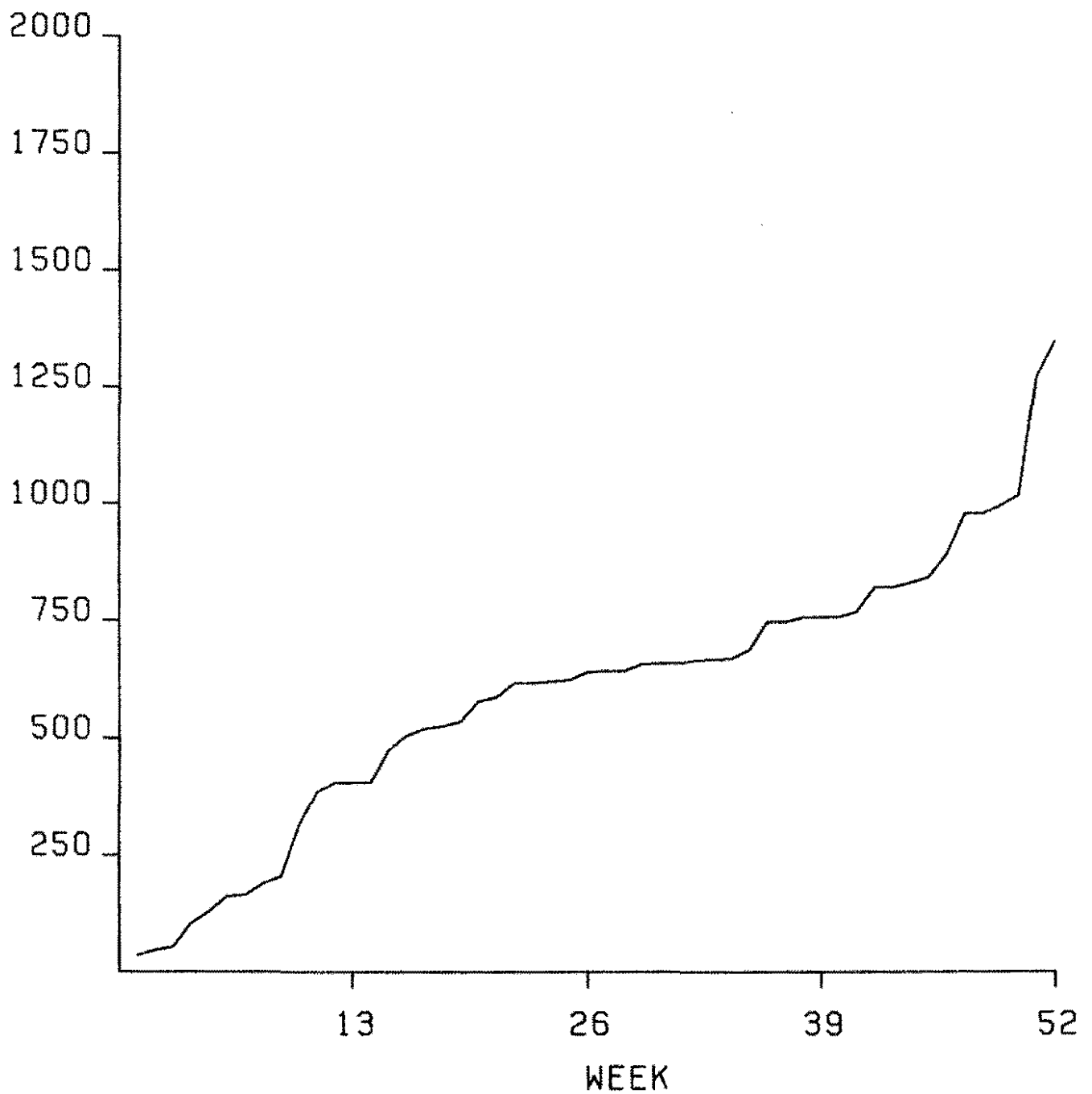
CUMULATIVE RAIN, 1974, M42

RAIN (MM)



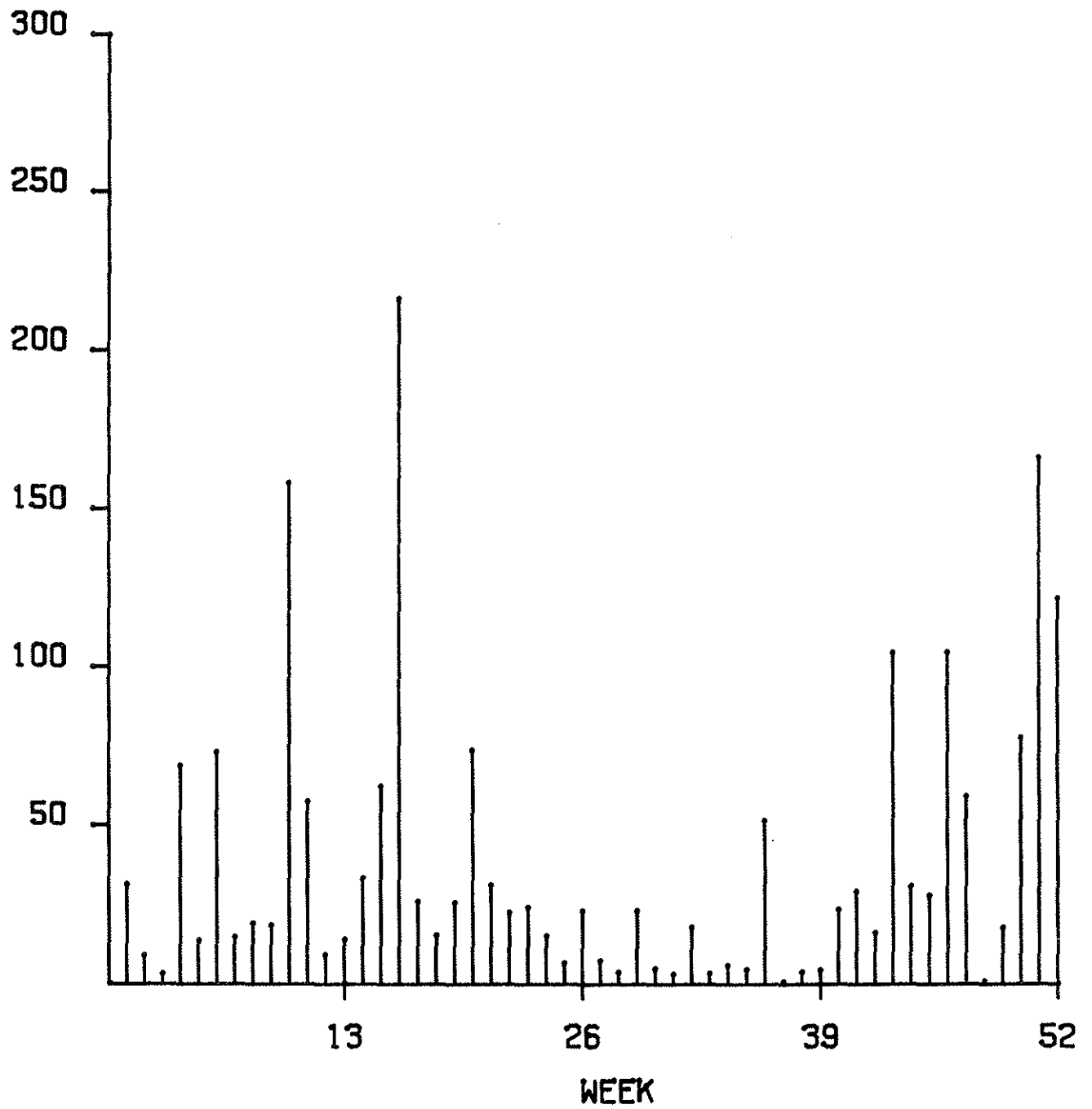
CUMULATIVE RAIN, 1974, M54

RAIN (MM)



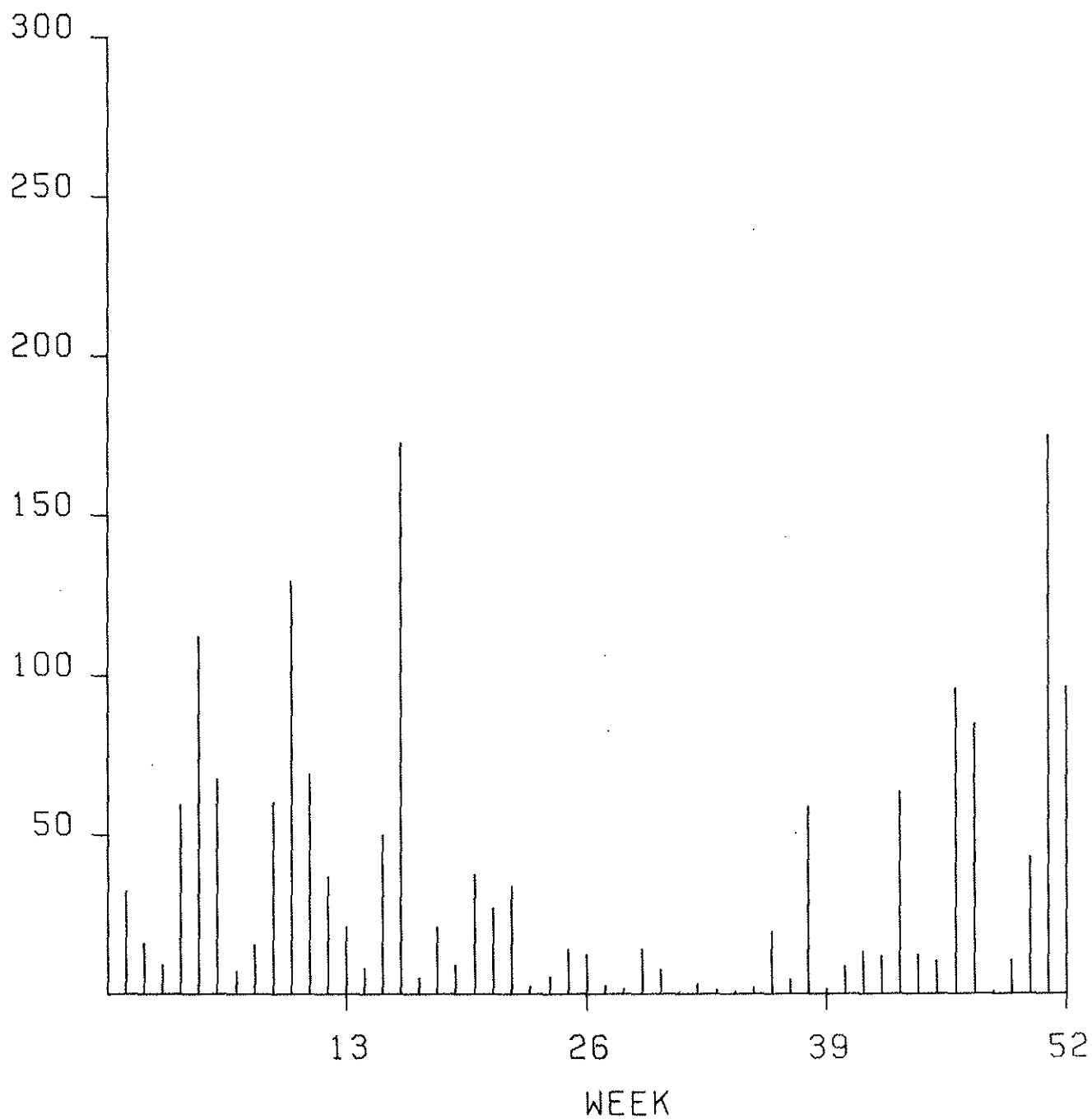
CUMULATIVE RAIN, 1974, M66

RAIN (MM)



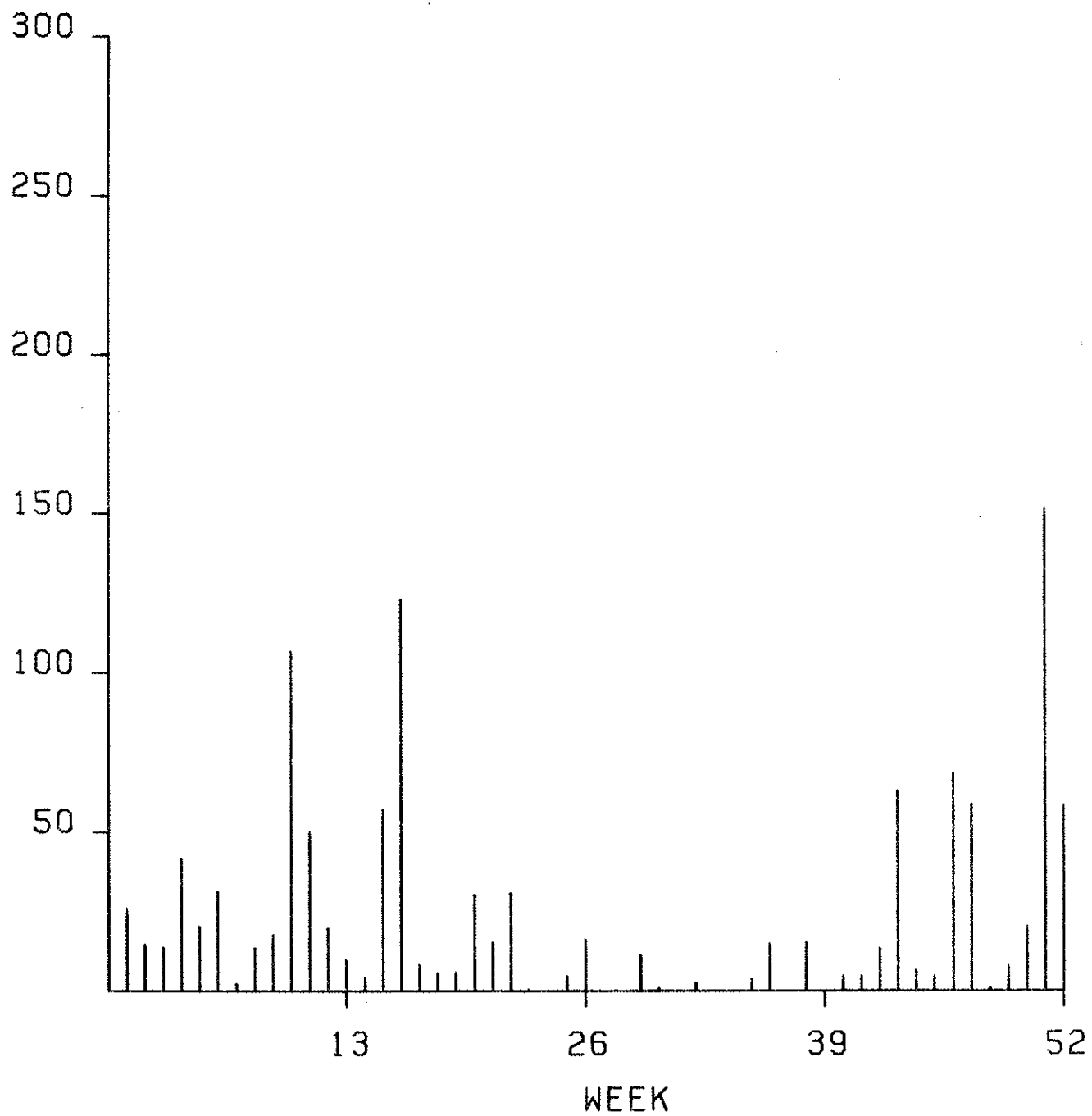
WEEKLY RAIN, 1974, K54

RAIN (MM)



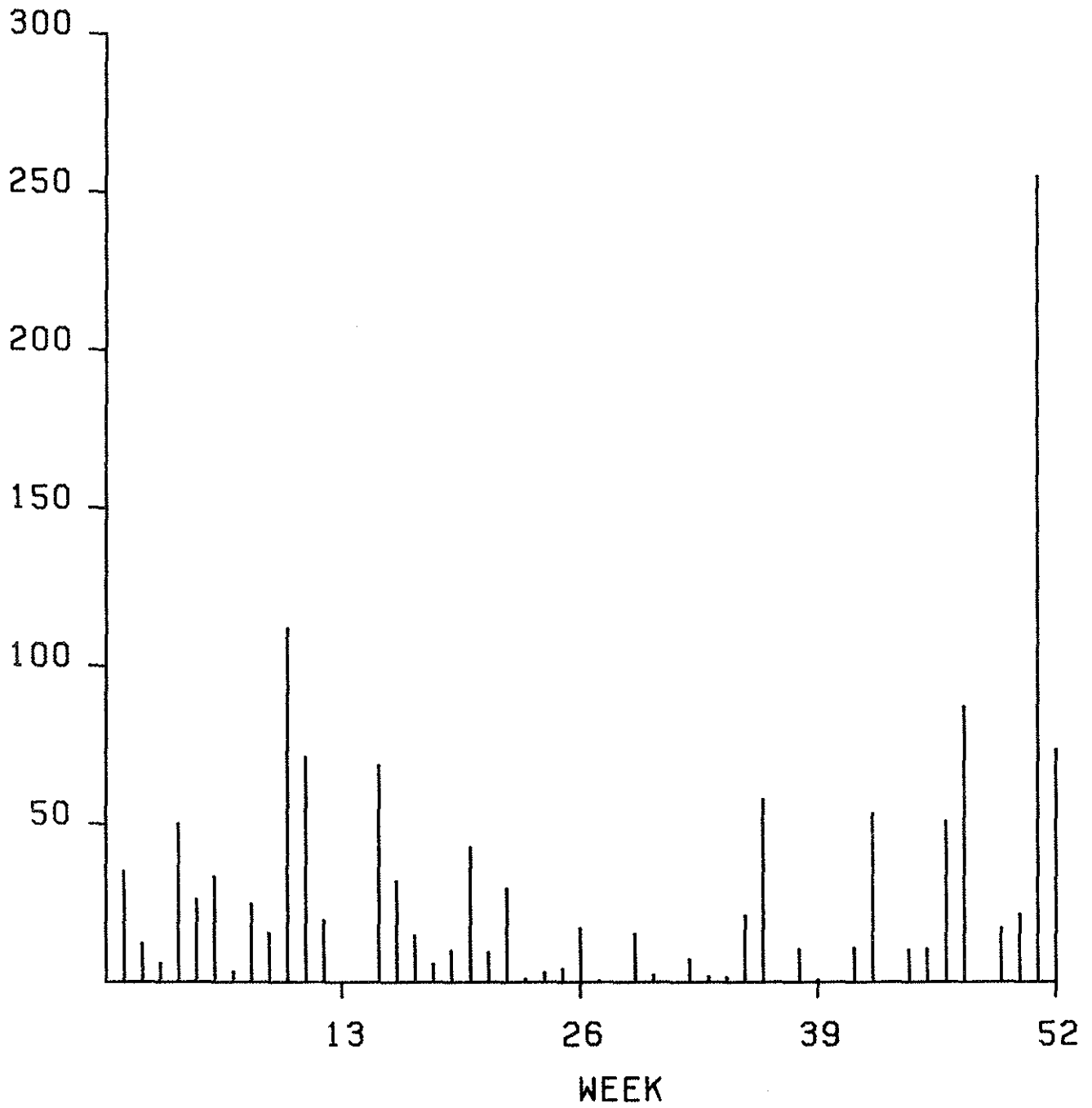
WEEKLY RAIN, 1974, M42

RAIN (MM)



WEEKLY RAIN, 1974, M54

RAIN (MM)



WEEKLY RAIN, 1974, M66

LOCATION K5400 WEEKLY RAIN RECORD IN MM

GAUGE TYPE NUMBER
 TRU CHECK 11
 AM STD 1
 METRIC 4

DATE YYMMDD	<--- TRU CHECK ---> MIN MEAN MAX	AM STD MEAN	<---- METRIC -----> MIN MEAN MAX	<---- OVERALL -----> MIN MEAN MAX
731231	13.7 30.5 54.6	43.2	25.7 29.5 38.2	13.7 31.0 54.6
740107	3.8 9.5 22.9	10.4	6.1 7.4 10.4	3.8 9.1 22.9
740114	1.0 3.4 5.6	3.8	1.8 2.6 3.5	1.0 3.2 5.6
740121	29.2 66.6 99.1	88.9	62.2 70.5 86.0	29.2 69.0 99.1
740128	4.6 13.8 20.3	19.8	9.0 12.0 14.2	4.6 13.7 20.3
740204	26.7 69.5 92.7	91.9	65.0 78.9 94.2	26.7 73.2 94.2
740211	4.1 14.2 25.4	18.8	10.2 15.5 23.0	4.1 14.8 25.4
740218	4.8 19.0 36.8	29.7	12.8 17.8 21.1	4.8 19.3 36.8
740225	7.1 18.7 30.5	23.4	11.8 17.1 21.3	7.1 18.6 30.5
740304	81.3 136.8 152.4	182.9	179.0 212.6 248.5	81.3 158.6 248.5
740311	22.9 55.2 77.5	83.8	43.5 58.0 68.4	22.9 57.7 83.8
740318	2.5 9.3 17.3	14.5	5.2 8.1 10.0	2.5 9.3 17.3
740325	4.1 13.5 20.3	17.0	12.5 15.4 20.4	4.1 14.2 20.4
740401	13.2 31.9 44.4	29.2	33.6 39.6 45.3	13.2 33.6 45.3
740408	27.9 63.2 85.1	48.8	51.7 64.5 78.9	27.9 62.6 85.1
740415	108.5 216.3 292.1	188.0	196.4 225.8 257.1	108.5 216.9 292.1
740422	10.2 26.8 48.3	20.3	21.0 26.0 32.5	10.2 26.2 48.3
740429	5.3 16.3 27.9	13.0	11.0 13.9 16.2	5.3 15.5 27.9
740506	6.9 26.1 43.2	12.2	18.0 28.4 39.5	6.9 25.8 43.2
740513	29.2 76.9 152.4	60.7	58.0 69.1 83.3	29.2 73.9 152.4
740520	11.2 33.5 78.7	21.1	21.6 28.2 37.3	11.2 31.4 78.7
740527	8.6 24.3 53.3	13.2	13.9 20.6 27.0	8.6 22.7 53.3
740603	8.6 24.9 82.5	16.3	19.0 25.0 30.0	8.6 24.4 82.5
740610	4.1 16.5 59.4	8.6	10.4 13.8 17.3	4.1 15.4 59.4
740617	2.8 7.0 15.2	7.4	3.7 5.9 8.3	2.8 6.7 15.2
740624	6.1 25.2 107.9	10.7	17.5 21.4 27.5	6.1 23.3 107.9

LOCATION K5400 WEEKLY RAIN RECORD IN MM

GAUGE TYPE NUMBER
 TRU CHECK 11
 AM STD 1
 METRIC 4

DATE YYMMDD	<--- TRU CHECK ---> MIN MEAN MAX	AM STD MEAN	<--- METRIC ---> MIN MEAN MAX	<--- OVERALL ---> MIN MEAN MAX
740701	0.8 8.3 38.6	2.5	4.6 6.4 8.1	0.8 7.5 38.6
740708	0.8 4.2 20.8	1.5	2.5 3.3 4.0	0.8 3.8 20.8
740715	14.7 25.5 57.7	13.0	14.7 19.3 23.6	13.0 23.2 57.7
740722	0.3 5.6 17.8	3.3	3.0 4.0 5.0	0.3 5.0 17.8
740729	0.3 3.4 16.3	1.5	2.2 2.9 3.5	0.3 3.2 16.3
740805	8.1 18.6 50.8	10.4	15.1 18.5 23.0	8.1 18.1 50.8
740812	1.5 3.8 11.2	1.8	2.0 2.9 3.5	1.5 3.4 11.2
740819	1.8 6.3 16.8	3.6	5.0 5.9 7.5	1.8 6.0 16.8
740826	1.3 5.2 17.8	2.3	2.6 3.5 4.1	1.3 4.6 17.8
740902	31.7 52.7 69.8	44.7	35.1 50.7 70.6	31.7 51.7 70.6
740909	0.5 1.0 2.5	0.3	0.2 0.2 0.3	0.2 0.8 2.5
740916	1.8 4.2 9.9	3.6	1.9 3.2 4.7	1.8 3.9 9.9
740923	1.3 4.7 22.4	2.5	3.0 4.1 5.3	1.3 4.5 22.4
740930	13.2 24.9 76.2	14.2	17.2 22.5 26.5	13.2 23.6 76.2
741007	13.2 31.4 58.4	24.9	21.0 25.0 28.8	13.2 29.4 58.4
741014	7.6 17.9 29.0	11.7	7.2 13.3 18.5	7.2 16.4 29.0
741021	53.6 110.9 177.8	80.0	56.3 94.6 119.0	53.6 104.9 177.8
741028	21.8 32.3 44.4	20.3	19.9 30.0 35.6	19.9 31.0 44.4
741104	19.3 31.0 76.2	17.0	14.0 22.9 27.5	14.0 28.1 76.2
741111	74.9 108.2 152.4	78.7	78.7 103.1 128.8	74.9 105.1 152.4
741118	34.3 63.8 114.3	43.7	40.0 50.9 60.7	34.3 59.4 114.3
741125	0.5 1.2 2.0	1.3	0.2 0.2 0.2	0.2 0.9 2.0
741202	12.7 18.7 28.4	9.7	12.7 17.6 21.0	9.7 17.9 28.4
741209	45.7 76.4 102.9	58.4	72.5 86.6 97.3	45.7 77.9 102.9
741216	119.4 147.1 152.4	167.1	189.5 220.6 231.0	119.4 166.7 231.0
741223	64.8 114.3 138.4	99.1	114.5 149.4 171.5	64.8 122.1 171.5

LOCATION M4200 WEEKLY RAIN RECORD IN MM

GAUGE TYPE NUMBER
 TRU CHECK 0
 AM STD 1
 METRIC 0

DATE YYMMDD	<--- TRU CHECK ---> MIN MEAN MAX	AM STD MEAN	<--- METRIC ---> MIN MEAN MAX	<--- OVERALL ---> MIN MEAN MAX
731231	0.0 0.0 0.0	32.3	0.0 0.0 0.0	32.3 32.3 32.3
740107	0.0 0.0 0.0	15.7	0.0 0.0 0.0	15.7 15.7 15.7
740114	0.0 0.0 0.0	8.9	0.0 0.0 0.0	8.9 8.9 8.9
740121	0.0 0.0 0.0	59.4	0.0 0.0 0.0	59.4 59.4 59.4
740128	0.0 0.0 0.0	112.3	0.0 0.0 0.0	112.3 112.3 112.3
740204	0.0 0.0 0.0	67.8	0.0 0.0 0.0	67.8 67.8 67.8
740211	0.0 0.0 0.0	7.1	0.0 0.0 0.0	7.1 7.1 7.1
740218	0.0 0.0 0.0	15.2	0.0 0.0 0.0	15.2 15.2 15.2
740225	0.0 0.0 0.0	60.5	0.0 0.0 0.0	60.5 60.5 60.5
740304	0.0 0.0 0.0	129.5	0.0 0.0 0.0	129.5 129.5 129.5
740311	0.0 0.0 0.0	69.3	0.0 0.0 0.0	69.3 69.3 69.3
740318	0.0 0.0 0.0	36.8	0.0 0.0 0.0	36.8 36.8 36.8
740325	0.0 0.0 0.0	21.1	0.0 0.0 0.0	21.1 21.1 21.1
740401	0.0 0.0 0.0	8.1	0.0 0.0 0.0	8.1 8.1 8.1
740408	0.0 0.0 0.0	50.0	0.0 0.0 0.0	50.0 50.0 50.0
740415	0.0 0.0 0.0	172.7	0.0 0.0 0.0	172.7 172.7 172.7
740422	0.0 0.0 0.0	5.1	0.0 0.0 0.0	5.1 5.1 5.1
740429	0.0 0.0 0.0	21.1	0.0 0.0 0.0	21.1 21.1 21.1
740506	0.0 0.0 0.0	8.9	0.0 0.0 0.0	8.9 8.9 8.9
740513	0.0 0.0 0.0	37.6	0.0 0.0 0.0	37.6 37.6 37.6
740520	0.0 0.0 0.0	26.7	0.0 0.0 0.0	26.7 26.7 26.7
740527	0.0 0.0 0.0	33.8	0.0 0.0 0.0	33.8 33.8 33.8
740603	0.0 0.0 0.0	2.3	0.0 0.0 0.0	2.3 2.3 2.3
740610	0.0 0.0 0.0	5.3	0.0 0.0 0.0	5.3 5.3 5.3
740617	0.0 0.0 0.0	14.0	0.0 0.0 0.0	14.0 14.0 14.0
740624	0.0 0.0 0.0	12.2	0.0 0.0 0.0	12.2 12.2 12.2

LOCATION M4200 WEEKLY RAIN RECORD IN MM

GAUGE TYPE NUMBER
 TRU CHECK 0
 AM STD 1
 METRIC 0

DATE YYMMDD	<--- TRU CHECK ---> MIN MEAN MAX	AM STD MEAN	<--- METRIC ---> MIN MEAN MAX	<--- OVERALL ---> MIN MEAN MAX
740701	0.0 0.0 0.0	2.5	0.0 0.0 0.0	2.5 2.5 2.5
740708	0.0 0.0 0.0	1.5	0.0 0.0 0.0	1.5 1.5 1.5
740715	0.0 0.0 0.0	14.0	0.0 0.0 0.0	14.0 14.0 14.0
740722	0.0 0.0 0.0	7.4	0.0 0.0 0.0	7.4 7.4 7.4
740729	0.0 0.0 0.0	0.5	0.0 0.0 0.0	0.5 0.5 0.5
740805	0.0 0.0 0.0	3.0	0.0 0.0 0.0	3.0 3.0 3.0
740812	0.0 0.0 0.0	1.3	0.0 0.0 0.0	1.3 1.3 1.3
740819	0.0 0.0 0.0	0.8	0.0 0.0 0.0	0.8 0.8 0.8
740826	0.0 0.0 0.0	2.0	0.0 0.0 0.0	2.0 2.0 2.0
740902	0.0 0.0 0.0	19.6	0.0 0.0 0.0	19.6 19.6 19.6
740909	0.0 0.0 0.0	4.6	0.0 0.0 0.0	4.6 4.6 4.6
740916	0.0 0.0 0.0	58.9	0.0 0.0 0.0	58.9 58.9 58.9
740923	0.0 0.0 0.0	1.5	0.0 0.0 0.0	1.5 1.5 1.5
740930	0.0 0.0 0.0	8.6	0.0 0.0 0.0	8.6 8.6 8.6
741007	0.0 0.0 0.0	13.2	0.0 0.0 0.0	13.2 13.2 13.2
741014	0.0 0.0 0.0	11.7	0.0 0.0 0.0	11.7 11.7 11.7
741021	0.0 0.0 0.0	63.5	0.0 0.0 0.0	63.5 63.5 63.5
741028	0.0 0.0 0.0	12.2	0.0 0.0 0.0	12.2 12.2 12.2
741104	0.0 0.0 0.0	10.2	0.0 0.0 0.0	10.2 10.2 10.2
741111	0.0 0.0 0.0	96.0	0.0 0.0 0.0	96.0 96.0 96.0
741118	0.0 0.0 0.0	85.1	0.0 0.0 0.0	85.1 85.1 85.1
741125	0.0 0.0 0.0	0.8	0.0 0.0 0.0	0.8 0.8 0.8
741202	0.0 0.0 0.0	10.4	0.0 0.0 0.0	10.4 10.4 10.4
741209	0.0 0.0 0.0	42.9	0.0 0.0 0.0	42.9 42.9 42.9
741216	0.0 0.0 0.0	175.0	0.0 0.0 0.0	175.0 175.0 175.0
741223	0.0 0.0 0.0	96.5	0.0 0.0 0.0	96.5 96.5 96.5

LOCATION M5400 WEEKLY RAIN RECORD IN MM

GAUGE TYPE NUMBER
 TRU CHECK 11
 AM STD 1
 METRIC 4

DATE YYMMDD	<--- TRU CHECK ---> MIN MEAN MAX	AM STD MEAN	<---- METRIC ----> MIN MEAN MAX	<---- OVERALL ----> MIN MEAN MAX
731231	13.2 23.2 44.4	24.1	16.5 33.0 54.2	13.2 25.7 54.2
740107	7.6 14.2 23.9	14.2	8.8 15.2 23.4	7.6 14.5 23.9
740114	9.7 12.8 16.0	24.9	10.6 12.9 15.5	9.7 13.6 24.9
740121	24.4 39.4 73.7	50.5	41.7 45.3 50.0	24.4 41.6 73.7
740128	13.7 20.0 28.7	24.6	15.5 18.5 23.8	13.7 19.9 28.7
740204	16.5 30.3 53.3	42.4	25.1 29.8 35.4	16.5 30.9 53.3
740211	1.0 1.8 4.3	3.8	1.0 1.5 2.2	1.0 1.9 4.3
740218	6.6 13.0 23.1	20.1	10.3 12.3 14.3	6.6 13.2 23.1
740225	8.6 18.4 35.6	23.1	11.9 14.0 17.0	8.6 17.6 35.6
740304	58.4 105.9 149.9	123.2	85.5 105.1 122.0	58.4 106.8 149.9
740311	26.2 50.1 80.0	61.0	42.4 46.8 55.0	26.2 50.0 80.0
740318	8.1 18.0 27.9	13.2	14.0 24.6 45.4	8.1 19.4 45.4
740325	4.6 9.9 18.8	9.7	6.1 8.8 12.2	4.6 9.6 18.8
740401	1.8 4.4 10.2	6.6	3.0 3.4 4.0	1.8 4.3 10.2
740408	31.7 58.3 108.7	68.6	39.1 50.3 61.5	31.7 56.9 108.7
740415	95.8 121.2 152.4	162.1	94.6 118.3 146.5	94.6 123.0 162.1
740422	3.8 8.6 18.8	13.0	5.4 6.1 6.4	3.8 8.3 18.8
740429	2.5 5.3 9.1	7.9	3.5 4.1 4.5	2.5 5.2 9.1
740506	2.8 5.9 10.2	8.4	3.5 4.4 5.0	2.8 5.7 10.2
740513	14.7 30.9 59.7	41.1	21.4 25.4 30.2	14.7 30.1 59.7
740520	6.6 13.9 44.4	42.4	8.0 11.2 15.1	6.6 15.0 44.4
740527	14.2 29.6 53.3	36.8	22.5 31.1 40.0	14.2 30.4 53.3
740603	0.5 0.8 1.5	4.8	0.3 0.5 0.7	0.3 1.0 4.8
740610	0.0 1.0 2.8	2.0	0.7 1.1 1.5	0.0 1.1 2.8
740617	2.5 4.3 5.3	7.9	3.4 4.3 5.4	2.5 4.5 7.9
740624	8.1 16.9 27.9	20.8	7.0 12.0 15.0	7.0 16.0 27.9

LOCATION M5400 WEEKLY RAIN RECORD IN MM

GAUGE TYPE NUMBER
 TRU CHECK 11
 AM STD 1
 METRIC 4

DATE YYMMDD	<--- MIN	TRU CHECK MEAN	---> MAX	AM STD MEAN	<--- MIN	METRIC MEAN	---> MAX	<--- MIN	OVERALL MEAN	---> MAX
740701	0.3	0.8	1.5	1.5	0.3	0.5	0.8	0.3	0.8	1.5
740708	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740715	5.6	11.2	21.6	15.2	8.0	9.9	11.5	5.6	11.1	21.6
740722	0.8	1.0	1.3	2.0	0.1	0.2	0.2	0.1	0.8	2.0
740729	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
740805	0.8	2.1	3.8	4.6	2.0	2.0	2.0	0.8	2.2	4.6
740812	0.3	0.3	0.5	1.3	0.2	0.4	0.5	0.2	0.4	1.3
740819	0.0	0.0	0.3	0.8	0.2	0.2	0.3	0.0	0.1	0.8
740826	2.0	3.4	5.1	5.1	2.2	3.0	3.5	2.0	3.4	5.1
740902	9.1	14.8	25.1	12.7	11.0	17.3	24.0	9.1	15.3	25.1
740909	0.3	0.9	1.3	1.5	0.5	0.8	1.0	0.3	0.9	1.5
740916	9.7	15.7	22.4	21.1	12.0	16.3	21.0	9.7	16.2	22.4
740923	0.5	1.1	1.5	2.8	0.7	0.8	1.0	0.5	1.1	2.8
740930	1.3	4.3	9.9	8.6	3.5	4.4	6.0	1.3	4.6	9.9
741007	2.0	4.4	7.1	8.9	3.5	3.9	4.5	2.0	4.6	8.9
741014	9.1	13.8	22.4	18.8	8.4	10.0	11.8	8.4	13.1	22.4
741021	44.4	66.2	90.4	75.4	51.5	57.7	63.8	44.4	64.6	90.4
741028	3.0	6.8	13.7	11.7	5.5	6.9	8.5	3.0	7.1	13.7
741104	2.3	4.6	7.4	8.1	3.1	3.7	4.3	2.3	4.6	8.1
741111	57.1	64.5	78.7	77.0	57.7	76.2	91.8	57.1	63.2	91.8
741118	41.9	58.3	67.3	78.5	50.2	54.3	59.8	41.9	58.6	78.5
741125	0.0	0.6	1.0	0.0	0.0	0.1	0.2	0.0	0.5	1.0
741202	4.3	8.1	11.2	11.2	6.3	7.2	8.4	4.3	8.1	11.2
741209	10.7	20.6	41.9	33.5	17.0	21.5	30.7	10.7	21.6	41.9
741216	114.3	141.8	152.4	228.6	130.2	161.0	182.2	114.3	152.0	228.6
741223	36.8	55.9	73.7	99.1	46.6	55.4	62.9	36.8	58.5	99.1

LOCATION M6600 WEEKLY RAIN RECORD IN MM

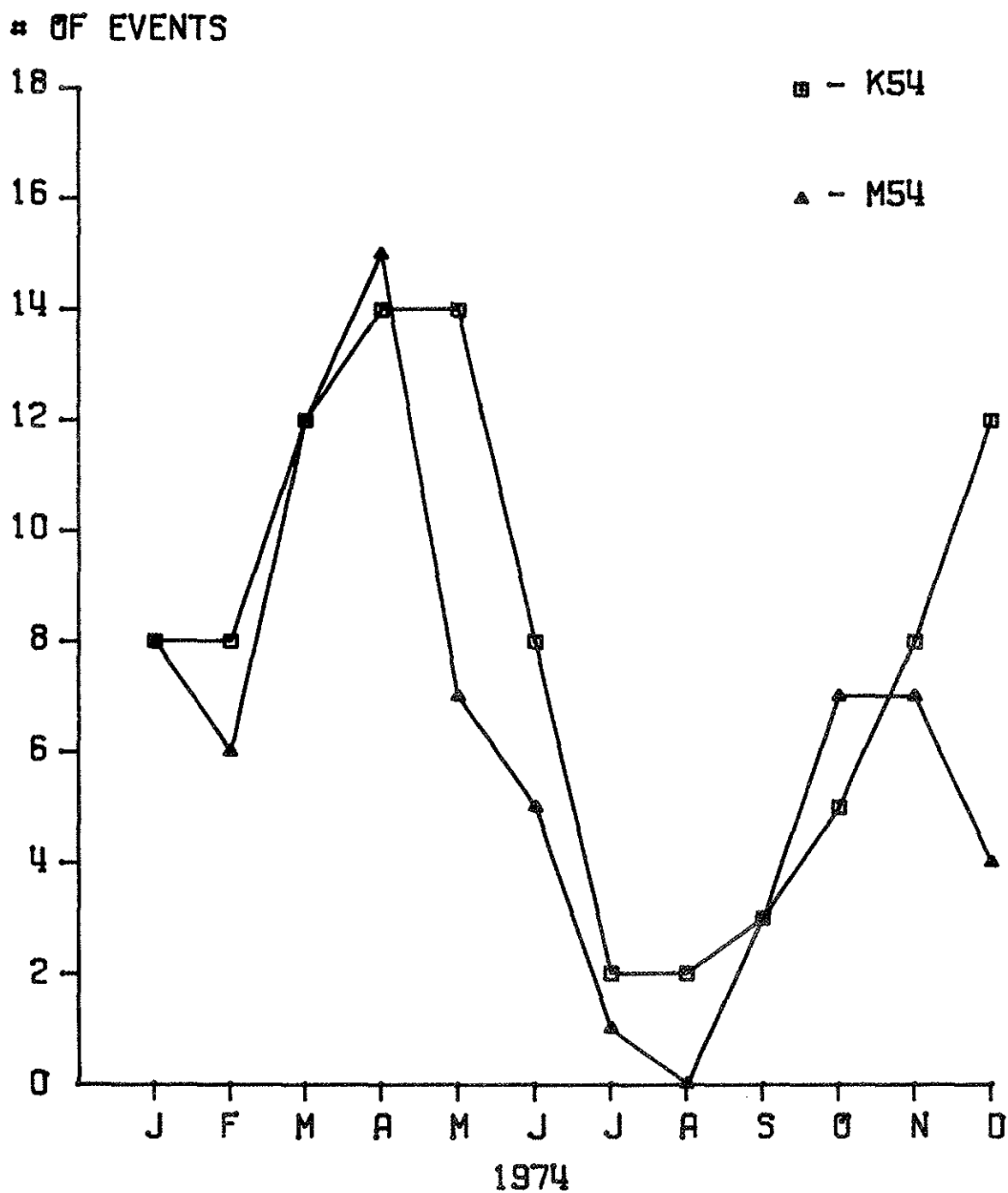
GAUGE TYPE NUMBER
 TRU CHECK 0
 AM STD 1
 METRIC 0

DATE	<--- TRU CHECK --->			AM STD	<--- METRIC --->			<--- OVERALL --->		
YYMMDD	MIN	MEAN	MAX	MEAN	MIN	MEAN	MAX	MIN	MEAN	MAX
731231	0.0	0.0	0.0	35.1	0.0	0.0	0.0	35.1	35.1	35.1
740107	0.0	0.0	0.0	11.9	0.0	0.0	0.0	11.9	11.9	11.9
740114	0.0	0.0	0.0	5.8	0.0	0.0	0.0	5.8	5.8	5.8
740121	0.0	0.0	0.0	50.0	0.0	0.0	0.0	50.0	50.0	50.0
740128	0.0	0.0	0.0	25.9	0.0	0.0	0.0	25.9	25.9	25.9
740204	0.0	0.0	0.0	33.3	0.0	0.0	0.0	33.3	33.3	33.3
740211	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.0	3.0	3.0
740218	0.0	0.0	0.0	24.6	0.0	0.0	0.0	24.6	24.6	24.6
740225	0.0	0.0	0.0	15.2	0.0	0.0	0.0	15.2	15.2	15.2
740304	0.0	0.0	0.0	111.8	0.0	0.0	0.0	111.8	111.8	111.8
740311	0.0	0.0	0.0	71.1	0.0	0.0	0.0	71.1	71.1	71.1
740318	0.0	0.0	0.0	19.3	0.0	0.0	0.0	19.3	19.3	19.3
740408	0.0	0.0	0.0	68.6	0.0	0.0	0.0	68.6	68.6	68.6
740415	0.0	0.0	0.0	31.7	0.0	0.0	0.0	31.7	31.7	31.7
740422	0.0	0.0	0.0	14.5	0.0	0.0	0.0	14.5	14.5	14.5
740429	0.0	0.0	0.0	5.6	0.0	0.0	0.0	5.6	5.6	5.6
740506	0.0	0.0	0.0	9.7	0.0	0.0	0.0	9.7	9.7	9.7
740513	0.0	0.0	0.0	42.4	0.0	0.0	0.0	42.4	42.4	42.4
740520	0.0	0.0	0.0	8.9	0.0	0.0	0.0	8.9	8.9	8.9
740527	0.0	0.0	0.0	29.5	0.0	0.0	0.0	29.5	29.5	29.5
740603	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.8	0.8
740610	0.0	0.0	0.0	2.8	0.0	0.0	0.0	2.8	2.8	2.8
740617	0.0	0.0	0.0	4.1	0.0	0.0	0.0	4.1	4.1	4.1
740624	0.0	0.0	0.0	16.8	0.0	0.0	0.0	16.8	16.8	16.8

LOCATION M6600 WEEKLY RAIN RECORD IN MM

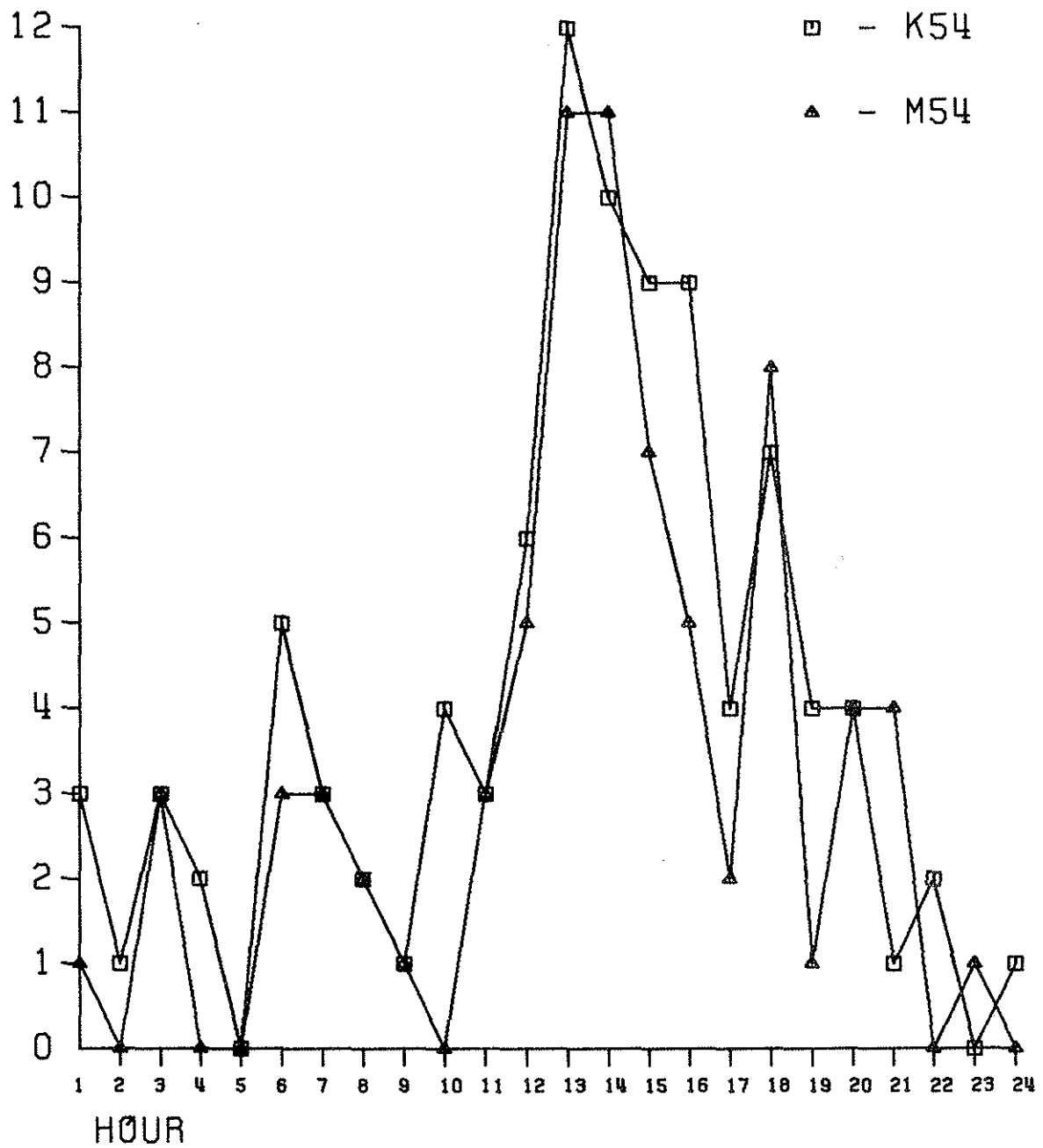
GAUGE TYPE NUMBER
 TRU CHECK 0
 AM STD 1
 METRIC 0

DATE YYMMDD	<--- TRU CHECK ---> MIN MEAN MAX	AM STD MEAN	<--- METRIC ---> MIN MEAN MAX	<--- OVERALL ---> MIN MEAN MAX
740701	0.0 0.0 0.0	0.3	0.0 0.0 0.0	0.3 0.3 0.3
740708	0.0 0.0 0.0	0.0	0.0 0.0 0.0	0.0 0.0 0.0
740715	0.0 0.0 0.0	15.0	0.0 0.0 0.0	15.0 15.0 15.0
740722	0.0 0.0 0.0	2.0	0.0 0.0 0.0	2.0 2.0 2.0
740729	0.0 0.0 0.0	0.0	0.0 0.0 0.0	0.0 0.0 0.0
740805	0.0 0.0 0.0	7.1	0.0 0.0 0.0	7.1 7.1 7.1
740812	0.0 0.0 0.0	1.5	0.0 0.0 0.0	1.5 1.5 1.5
740819	0.0 0.0 0.0	1.3	0.0 0.0 0.0	1.3 1.3 1.3
740826	0.0 0.0 0.0	20.8	0.0 0.0 0.0	20.8 20.8 20.8
740902	0.0 0.0 0.0	57.7	0.0 0.0 0.0	57.7 57.7 57.7
740916	0.0 0.0 0.0	10.2	0.0 0.0 0.0	10.2 10.2 10.2
740923	0.0 0.0 0.0	0.5	0.0 0.0 0.0	0.5 0.5 0.5
741007	0.0 0.0 0.0	10.4	0.0 0.0 0.0	10.4 10.4 10.4
741014	0.0 0.0 0.0	53.3	0.0 0.0 0.0	53.3 53.3 53.3
741028	0.0 0.0 0.0	9.9	0.0 0.0 0.0	9.9 9.9 9.9
741104	0.0 0.0 0.0	10.2	0.0 0.0 0.0	10.2 10.2 10.2
741111	0.0 0.0 0.0	50.8	0.0 0.0 0.0	50.8 50.8 50.8
741118	0.0 0.0 0.0	87.1	0.0 0.0 0.0	87.1 87.1 87.1
741125	0.0 0.0 0.0	0.0	0.0 0.0 0.0	0.0 0.0 0.0
741202	0.0 0.0 0.0	16.8	0.0 0.0 0.0	16.8 16.8 16.8
741209	0.0 0.0 0.0	21.3	0.0 0.0 0.0	21.3 21.3 21.3
741216	0.0 0.0 0.0	254.5	0.0 0.0 0.0	254.5 254.5 254.5
741223	0.0 0.0 0.0	73.2	0.0 0.0 0.0	73.2 73.2 73.2



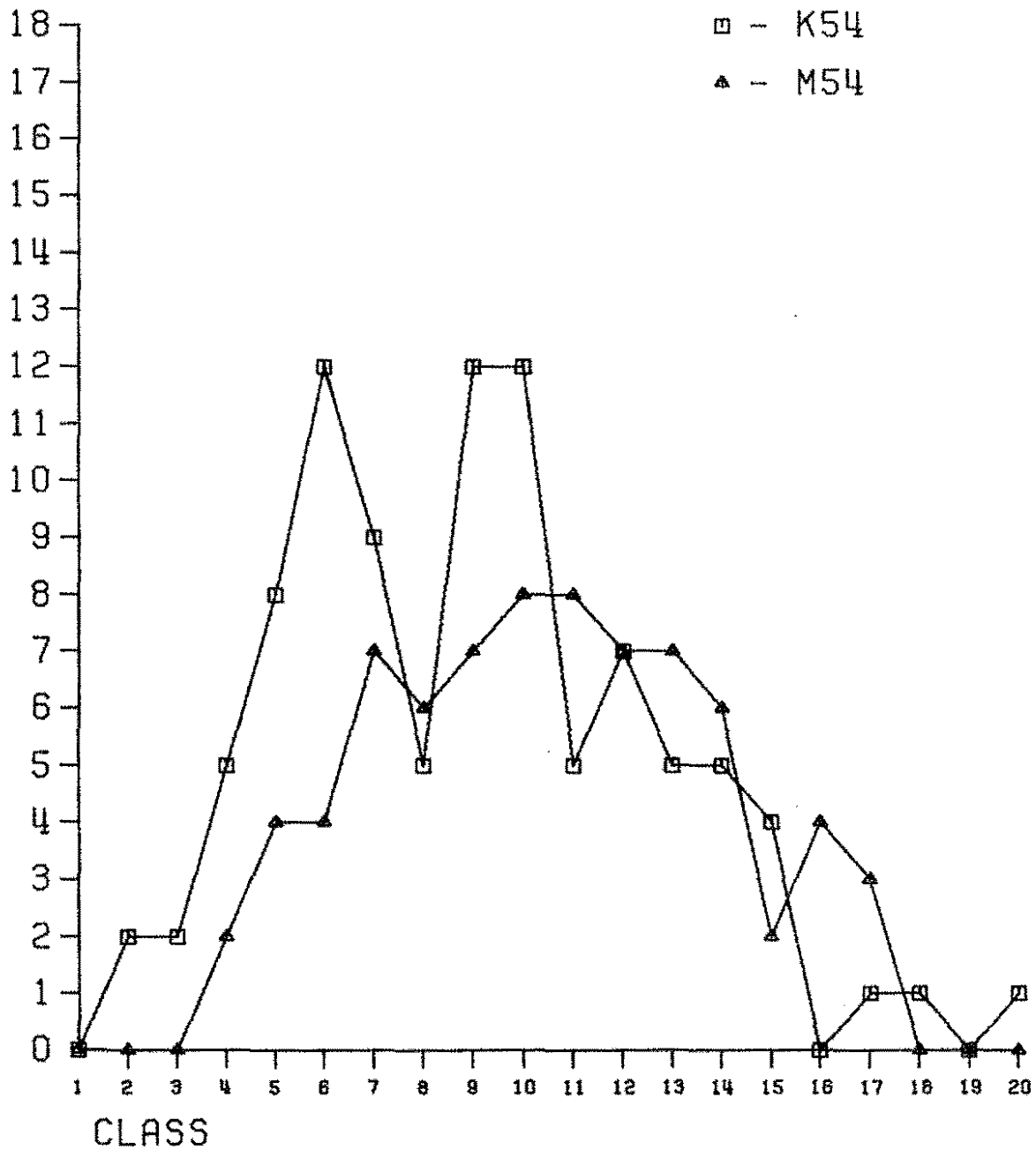
NUMBER OF RAINFALL EVENTS PER MONTH, K54 & M54

FREQUENCY



TIME OF RAIN EVENTS, 1974

FREQUENCY



RAINFALL INTENSITIES, 1974

Intensity Class Ranges

CLASS	LOG ₁₀ mm/HR	mm/HR
1	(-.79) - (-.70)	.16 - .19
2	(-.69) - (-.60)	.20 - .25
3	(-.59) - (-.50)	.26 - .31
4	(-.49) - (-.40)	.32 - .40
5	(-.39) - (-.30)	.41 - .50
6	(-.29) - (-.20)	.51 - .63
7	(-.19) - (-.10)	.64 - .80
8	(-.09) - (.00)	.81 - 1.01
9	.01 - .10	1.02 - 1.27
10	.11 - .20	1.28 - 1.60
11	.21 - .30	1.61 - 2.01
12	.31 - .40	2.02 - 2.54
13	.41 - .50	2.55 - 3.19
14	.51 - .60	3.20 - 4.00
15	.61 - .70	4.01 - 5.06
16	.71 - .80	5.07 - 6.38
17	.81 - .90	6.39 - 8.03
18	.91 - 1.00	8.04 - 10.11
19	1.01 - 1.10	10.12 - 12.73
20*	> 1.11	> 12.73

*One rain event fell in this class range. It occurred at K5400 on September 3, 1974 with an intensity of 22.22 mm per hour.

SITE = K5400

EVENT NO.	DATE WEEK STARTED	DATE RAIN STARTED	HOUR RAIN STARTED	INTENSITY (MM/HR)	DURATION (HRS)	TOTAL PPT (MM)
1	731231	3	15	0.63	8	5.08
2	731231	4	13	1.14	2	2.29
3	731231	5	13	6.86	3	20.57
4	740107	9	15	4.06	1	4.06
5	740107	10	16	0.51	3	1.52
6	740114	20	14	3.81	1	3.81
7	740121	23	12	3.16	18	56.90
8	740128	29	18	3.56	2	7.11
9	740128	3	14	1.44	3	4.32
10	740204	5	16	8.64	2	17.27
11	740204	8	12	1.33	4	5.33
12	740204	9	1	1.11	19	21.08
13	740204	10	13	1.04	11	11.43
14	740211	14	18	0.41	8	3.30
15	740218	22	18	1.20	7	8.38
16	740218	23	22	1.52	1	1.52
17	740225	1	16	2.10	4	8.38
18	740225	2	17	1.78	1	1.78
19	740225	4	6	1.52	4	6.10
20	740304	4	13	1.70	17	28.96
21	740304	5	14	3.14	31	97.28
22	740304	7	7	0.66	5	3.30
23	740304	8	12	0.87	14	12.19
24	740311	12	19	1.02	23	23.37
25	740311	15	15	0.63	4	2.54
26	740311	17	15	4.06	7	28.45
27	740318	19	20	3.17	2	6.35
28	740325	26	10	1.57	6	9.40
29	740401	7	6	0.63	4	2.54
30	740401	8	4	1.44	15	21.59
31	740408	9	13	0.85	6	5.08
32	740408	11	3	0.62	16	9.91
33	740408	12	13	2.13	5	10.67
34	740415	15	20	1.77	31	54.86
35	740415	17	14	1.55	18	27.94
36	740415	18	19	2.77	11	30.48
37	740415	19	16	2.15	27	58.17
38	740415	21	10	0.49	14	6.86
39	740422	22	11	1.19	6	7.11
40	740422	23	13	0.76	3	2.29
41	740422	24	15	0.44	4	1.78
42	740429	29	12	0.76	5	3.81
43	740506	9	20	0.38	12	4.57
44	740506	12	16	1.14	2	2.29
45	740513	13	22	0.41	5	2.03
46	740513	14	18	0.61	5	3.05
47	740513	15	11	3.20	5	16.00
48	740513	16	15	0.48	8	3.81
49	740513	17	17	0.79	10	7.87
50	740513	18	13	0.42	6	2.54
51	740513	19	10	0.78	13	10.16
52	740520	20	19	1.69	3	5.08
53	740520	21	18	0.98	7	6.86
54	740520	25	14	0.51	4	2.03
55	740520	26	13	0.38	4	1.52

SITE = K5400

EVENT NO.	DATE WEEK STARTED	DATE RAIN STARTED	HOUR RAIN STARTED	INTENSITY (MM/HR)	DURATION (HRS)	TOTAL PPT (MM)
56	740527	31	15	1.78	2	3.56
57	740527	1	16	1.14	2	2.29
58	740527	2	18	1.02	2	2.03
59	740603	3	16	0.59	3	1.78
60	740603	5	14	0.32	8	2.54
61	740610	14	17	0.28	9	2.54
62	740617	18	1	0.70	8	5.59
63	740624	28	14	0.63	4	2.54
64	740624	29	14	0.30	6	1.78
65	740715	16	19	2.03	1	2.03
66	740715	17	4	1.60	7	11.18
67	740805	9	7	0.33	7	2.29
68	740805	11	8	0.25	9	2.29
69	740902	2	16	2.20	3	6.60
70	740902	3	16	22.22	2	44.45
71	740916	22	15	1.02	2	2.03
72	740930	5	6	0.22	14	3.05
73	741014	14	13	0.51	7	3.56
74	741014	16	13	1.10	3	3.30
75	741028	30	7	3.30	2	6.60
76	741028	31	18	0.72	6	4.32
77	741104	8	10	1.52	1	1.52
78	741104	9	11	0.85	3	2.54
79	741104	10	8	0.44	4	1.78
80	741111	11	21	1.57	5	7.87
81	741111	16	15	4.83	7	33.78
82	741111	18	0	2.34	32	74.93
83	741118	20	3	0.89	2	1.78
84	741118	21	12	4.00	4	16.00
85	741202	6	13	1.37	5	6.86
86	741202	7	9	0.51	3	1.52
87	741209	13	6	1.56	7	10.92
88	741209	14	20	0.35	11	3.81
89	741209	15	14	1.23	29	35.81
90	741216	19	6	0.76	2	1.52
91	741216	20	12	5.02	21	105.41
92	741216	21	17	3.04	33	100.33
93	741223	24	1	0.76	18	13.72
94	741223	25	14	2.41	27	65.02
95	741223	27	2	0.49	14	6.86
96	741223	29	3	0.61	5	3.05

SITE = M5400

EVENT NO.	DATE WEEK STARTED	DATE RAIN STARTED	HOUR RAIN STARTED	INTENSITY (MM/HR)	DURATION (HRS)	TOTAL PPT (MM)
1	731231	1	7	1.52	1	1.52
2	731231	3	14	0.79	10	7.87
3	740107	9	13	0.38	4	1.52
4	740107	10	14	0.81	11	8.89
5	740114	17	18	0.83	4	3.30
6	740114	20	12	2.41	4	9.65
7	740121	23	13	2.89	16	46.23
8	740128	29	17	6.98	2	13.97
9	740128	3	14	2.03	3	6.10
10	740204	4	13	3.05	1	3.05
11	740204	5	13	4.00	4	16.00
12	740204	9	11	1.84	4	7.37
13	740204	10	12	1.06	6	6.35
14	740218	22	20	1.99	6	11.94
15	740225	1	14	1.48	6	8.89
16	740225	2	14	1.14	2	2.29
17	740304	4	14	1.71	16	27.43
18	740304	5	15	2.79	31	86.36
19	740304	8	18	0.85	9	7.62
20	740311	12	18	1.57	21	33.02
21	740311	17	16	3.17	6	19.05
22	740318	19	20	7.11	1	7.11
23	740318	21	13	1.52	5	7.62
24	740325	25	14	1.02	2	2.03
25	740325	26	6	0.48	9	4.32
26	740325	26	20	0.57	4	2.29
27	740401	7	6	0.59	3	1.78
28	740401	8	3	1.35	16	21.59
29	740408	9	14	0.42	6	2.54
30	740408	11	3	0.73	17	12.45
31	740408	12	15	6.94	3	20.83
32	740408	14	12	6.35	1	6.35
33	740415	15	21	1.81	25	45.21
34	740415	17	16	0.65	16	10.41
35	740415	18	20	2.08	11	22.86
36	740415	19	18	2.60	24	62.48
37	740422	22	14	1.78	1	1.78
38	740422	23	11	0.89	2	1.78
39	740422	24	13	0.66	5	3.30
40	740422	29	7	0.59	3	1.78
41	740429	29	13	1.65	2	3.30
42	740429	3	12	1.52	1	1.52
43	740506	12	13	1.02	5	5.08
44	740514	14	18	0.85	6	5.08
45	740514	15	12	3.05	5	15.24
46	740514	17	17	0.70	8	5.59
47	740527	27	16	1.52	1	1.52
48	740527	28	14	0.68	3	2.03
49	740601	1	16	1.52	1	1.52
50	740617	17	15	1.14	2	2.29
51	740617	18	1	2.54	1	2.54
52	740617	18	9	1.27	2	2.54
53	740624	28	15	5.59	3	16.76
54	740715	17	8	5.21	2	10.41
55	740902	2	15	2.08	5	10.41

SITE = M5400

EVENT NO.	DATE WEEK STARTED	DATE RAIN STARTED	HOURLY RAIN STARTED	INTENSITY (MM/HR)	DURATION (HRS)	TOTAL PPT (MM)
56	740902	3	16	3.43	2	6.86
57	740916	22	14	4.44	4	17.78
58	740930	3	6	0.68	3	2.03
59	741007	11	18	0.46	5	2.29
60	741014	16	11	1.07	5	5.33
61	741014	20	13	2.16	2	4.32
62	741021	26	21	3.62	19	68.83
63	741028	30	7	4.32	1	4.32
64	741028	31	18	0.51	5	2.54
65	741104	9	3	0.37	13	4.83
66	741111	11	21	0.41	5	2.03
67	741111	16	15	3.70	7	25.91
68	741111	17	23	3.14	32	100.58
69	741118	21	15	2.29	1	2.29
70	741118	21	21	3.30	1	3.30
71	741118	23	13	1.78	1	1.78
72	741209	13	8	1.84	4	7.37
73	741209	15	19	0.88	23	20.32
74	741216	20	13	5.73	16	91.69
75	741216	21	18	3.33	31	103.12

Missing Rain Events Data, 1974

	K5400	M5400
January	---	6
February	---	---
March	---	---
April	---	---
May	---	21-26, 30-31
June	---	---
July	---	2-7
August	27-31	27-31
September	1	1, 10-13
October	8-13, 27	---
November	---	30
December	---	1-6, 24-30

Data for the above dates in 1974 are missing due to malfunctioning of Recording Rain Gages.

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